



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

SDMS Document ID



2030991

April 20, 2004

Ref: 8EPR-SR

Amy N. Guth
408 Main Avenue
Libby, Montana 59923

Re: Freedom on Information Request
FOIA (8) RIN 193-04
Libby Asbestos Site

Dear Ms. Guth:

I am writing in response to your Freedom of Information Act Request dated April 1, 2004 for all records pertaining to St. John's Lutheran Church, located at 1017 Montana Avenue, and St. John's Lutheran Pre-School and Day Care, located at 1024 Montana Avenue.

Enclosed are all available documents relating to the investigation, sampling, and/or cleanup activities of both sites. The charges incurred were less than \$14 so there is no fee for providing this information.

If you have any further questions, please feel free to contact the EPA Information Center in Libby at (406) 293-6194.

Sincerely,

Dale Vodehnal
Superfund Remedial Program Manager

Encls



Printed on Recycled Paper

HAB 6/25/02

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
999 18TH STREET, SUITE 300
DENVER, CO 80202

CONSENT FOR ENTRY AND ACCESS TO PROPERTY

Name:

ST. JOHN LUTHERAN CHURCH (ARNOLD GRINER)

Address:

1017 MONTANA AVE.LIBBY MT.

Phone:

293-4024

Address of Property for which consent for entry and access is being granted:

SAME

Relationship to property:

CARETAKER

(i.e., owner, tenant, etc.)

I, the undersigned, am the owner, their representative, or otherwise control the real property at the location described above. The Environmental Protection Agency (EPA) has requested entry and access to my property pursuant to its response and enforcement responsibilities under the Comprehensive Environmental Response, Compensation and Liability Act as amended (Superfund), 42 U.S.C. 9601 et seq.

I consent to officers, employees, and authorized representatives of the EPA, including their authorized contractors, entering and having continued access to my property for the following purposes:

1. Visually inspecting the property, including the interior and exterior of any home or any other structures on the property;
2. the taking of such soil, bulk, or dust samples as may be determined to be necessary;
3. the taking of actions to mark or temporarily cover exposed vermiculite.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. I certify that this Consent for Entry and Access is entered into voluntarily and constitutes an unconditional consent and grant of permission for access to the property by officers, employees, and authorized representatives of EPA at reasonable times.

Date

6/25/02

Signature

Arnold L. Griner

Location 1017 Montana Ave. Date 6/5/03

Project / Client Libby Asbestos Project

EPA-Region 8 - BD-000706

0908: Arrive 1017 Montana Ave.

0919: Collect Sample

From high traffic

CS-11939/JRM

area (base of steps in basement)

0921: Sample stop time

JRM

0926: Collect Sample

From horizontal surface

CS-11940/JRM

(base of coat-rack in basement)

0928: Sample stop time

JRM

0932: Collect Sample

From high traffic

CS-11941/JRM

area (top of steps near church entrance)

0934: Sample stop time

JRM

Field Data Sheet # RI-D-000102

For above 3 (three) samples

JRM

0940: Collect Sample

From horizontal

CS-11942/JRM

surface (shelf near main entrance)

0942: Sample stop time

JRM

0944: Collect Sample

Sample is Dust Blank

CS-11943/JRM

Field Data Sheet # RI-D-000101 For

CS-11942 and CS-11943

Joe Martin 6/5/03

Location 1017 Montana Ave. Date 6/5/03

Project / Client Libby Asbestos Project

EPA-Region 8 - BD-000706

Dust Sampling template deconed
between samples in accordance
with Libby SOP. Note that property
was sample because of secondary
source indications

JRM

1000: Complete field forms and QA/QC

1010: Complete sample packaging

1015: Depart 1017 Montana Ave.

1022: Arrive field office

JRM

Joe Martin 6/5/03

120

Location 1017 Montana Ave Date 4/25/02Project / Client EPA / ValpeSt. Johns Lutheran Church BD-000706

1105. Arrived at site spoke with Arnold
Grimes - AA & IFF were completed. No insul-
ation was found in the ^{2nd} church. No
remediation was observed on outside of
BD-000706
Property Field Exam BD# was assigned
Photo was taken & sketch was made.

Arrived at site
4/25/02

Primary Structure and Property Assessment Information Field Form

Screening Field Check Completed by (2% of forms): _____

Page 1 of 7

CSS INFORMATION FIELD FORM (continued)

Address: 1017 Montana Ave

BD# 000706

Data Item	Value	Notes
OCCUPANT INFORMATION		
Number of Adults/Employees	<div style="display: flex; justify-content: space-around;"> 1 2 <u>2</u> 3 4 </div> <div style="display: flex; justify-content: space-around;"> 5-15 16-20 21-30 >30 </div>	80 +/- ON SUNDAY
Number of Children	<div style="display: flex; justify-content: space-around;"> 0 <u>0</u> 1 2 3 4 </div> Other: _____	0 DURING WEEK 15 ON SUNDAY
Years at Location	<div style="display: flex; justify-content: space-around;"> <1 1-5 5-10 10-15 >15 <u>>15</u> </div>	50 YRS.
Was the residence/building remodeled?	<div style="display: flex; justify-content: space-around;"> Yes <u>Yes</u> No </div> If yes, When (years): <2 2-5 >5 <u>>5</u> Where: Attic Living Areas <u>Living Areas</u> Garage Basement Other: _____	ADDED OFFICE AREA.
Has resident/business purchased any Libby vermiculite materials from W.R. Grace in the past?	<div style="display: flex; justify-content: space-around;"> Yes No <u>No</u> </div>	
Has the property at this location been used for a for-profit enterprise of distributing, treating, storing, or disposing of Libby vermiculite?	<div style="display: flex; justify-content: space-around;"> Yes No <u>No</u> </div>	
Are there any known areas of exposed vermiculite?	<div style="display: flex; justify-content: space-around;"> Yes No <u>No</u> </div> If yes, Where: Ceiling Walls Floors Attic Other: _____	

CSS INFORMATION FIELD FORM (continued)

Address: 1017 Montana AveBD# 000706

Data Item	Value	Notes
INDOOR ASSESSMENT		
Vermiculite Insulation Past or Present	Attic: Yes <input type="radio"/> No <input checked="" type="radio"/> NA Walls: <input checked="" type="radio"/> No Basement: Yes <input type="radio"/> No <input checked="" type="radio"/> NA Crawl Space: Yes <input type="radio"/> No <input checked="" type="radio"/> NA Other: _____	Visual confirmation of current presence or absence required for <u>NO INSULATION OBSERVED IN 3 DIFFERENT LOCATIONS</u>
Evidence of Physical Damage?	Yes <input type="radio"/> No <input checked="" type="radio"/>	
Evidence of Water Damage?	Yes <input type="radio"/> No <input checked="" type="radio"/>	
Evidence of vermiculite used in building materials?	Yes <input type="radio"/> No <input checked="" type="radio"/>	<u>NONE OBSERVED</u>
OUTDOOR ASSESSMENT		
Libby Amphibole Sources Present	Garden: Yes <input type="radio"/> No <input checked="" type="radio"/> NA Yard: Yes <input type="radio"/> No <input checked="" type="radio"/> NA Stockpiles: Yes <input type="radio"/> No <input checked="" type="radio"/> Other: <u>flower beds - NO</u>	
Proximity to Other Properties with Potential Sources of Libby Amphiboles	Next door Within same block Other: <u>UNKNOWN</u>	

CSS INFORMATION FIELD FORM (continued)

Address: 1017 Montana AveBD# 000706

	Value	Notes
EXPOSURE ASSESSMENT		
Type and Frequency of Activity Near Vermiculite Material - Indoor	Frequency:	Once a day
	NA	Once a week
		Once a month
Once a year		
	Duration of Contact:	<1 hour
	NA	1-2 hours
		2-4 hours
>4 hours		
	Extent of Contact:	Heavy
	NA	Moderate
		Light
Type and Frequency of Activity Near Vermiculite Material - Outdoor		Frequency:
	NA	Once a week
		Once a month
Once a year		
	Duration of Contact:	<1 hour
	NA	1-2 hours
		2-4 hours
>4 hours		
	Extent of Contact:	Heavy
	NA	Moderate
		Light

CSS INFORMATION FIELD FORM (continued)

Address: 1017 Montana AveBD# 000706

CONTAMINANT SCREENING STUDY ASSESSMENT

Occupant Information

Is there any knowledge of past or present
close relative of member or any highly
exposed persons living or visiting the
property?☒ Yes

Unknown

AT DIFFERENT TIMES.
MEMBERS.Is the resident, past or present,
diagnosed with an asbestos related
disease?☒ Yes

Unknown

No

A FEW MEMBERS

Indoor Information

Does the interior have Zonolite attic
insulation?

Yes

☒ No

Unknown

Did the interior ever have Zonolite attic
insulation?

Yes

☒ No

Unknown

Are there vermiculite additives in any of
the building materials?

Yes

☒ No

Unknown

NONE OBSERVED

Outdoor Information

Is there any evidence of primary source
materials near the property?

Yes

☒ No

Unknown

Could this have been tracked indoors or
otherwise spread outdoors on the
property?

Yes

No

Unknown

Overall Assessment

Are primary source materials present at
the property?

Yes

☒ NoWhere are primary source materials
located?

Inside

Outside

Both

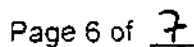
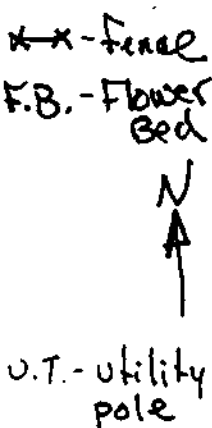
☒ NA

ADDITIONAL INFORMATION

No DOGS

Identify important features (i.e. drainage, trees, etc.) and include Libby amphibole source areas, sample locations, etc).

NOT TO SCALE



CSS INFORMATION FIELD FORM (continued)

Address: 1617 Montana Ave

BD# 00706

Floor of House (circle)

Include approximate dimensions of rooms and floor covering type. Use more than one diagram if needed.

Scale: 1/10" = 1'

A large grid of graph paper, consisting of many small squares, intended for drawing floor plans. The grid is approximately 30 squares wide and 40 squares high.

CONTAMINANT SCREENING STUDY

FIELD SAMPLE DATA SHEET FOR SOIL

Scenario No.: NA Field Logbook No: 100076 Page No: 113 Sampling Date: 6/27/02
 Address: 1017 MONTANA AVE Owner: ST John Lutheran Church
 Pastor: ERIC CHRISTIANSON
 Land Use: (circle) Residential School Commercial Mining Roadway Other (Church)
 Sampling Team: (circle) CDM PES Other _____ Names: CARRE FINGERET / RICHARD
EB EUSTACE

Data Item	Sample 1 <u>1/1</u>	Sample 2 <u>1/2</u>	Sample 3 <u>1/3</u>
Index ID	CS- 01172	CS- 01173	CS- 01174
Location ID	SP- 111722	SP- 111723	SP- 111724
Sample Group	<u>Yard</u>	<u>Yard</u>	<u>flower bed</u>
Location Description (circle)	Back yard Front yard Side yard Other _____	Back yard Front yard Side yard Other _____	Back yard Front yard Side yard Other _____
Category (circle)	<u>FS</u> FD of _____ Field Blank (lot or equipment)	<u>FS</u> FD of _____ Field Blank (lot or equipment)	<u>FS</u> FD of _____ Field Blank (lot or equipment)
Matrix Type (Surface soil unless other wise noted)	<u>Surface Soil</u> Other _____	<u>Surface Soil</u> Other _____	<u>Surface Soil</u> Other _____
Type (circle)	Grab Comp. # subsamples <u>5</u>	Grab Comp. # subsamples <u>Y</u>	Grab Comp. # subsamples <u>5</u>
Sample Time	<u>1100</u>	<u>1120</u>	<u>1105</u>
Top Depth (in.)	<u>0</u>	<u>0</u>	<u>0</u>
Bottom Depth (in.)	<u>1</u>	<u>1</u>	<u>6</u>
Grid, Quadrant, Section			
Field Comments	<u>BD-000706</u>	<u>BD-000706</u>	<u>BD-000706</u>
	Entered ____ Validated ____	Entered ____ Validated ____	Entered ____ Validated ____

Field Team	Initial
Completed by	<u>RE</u>
QC by	<u>CF</u>

CONTAMINANT SCREENING STUDY

FIELD SAMPLE DATA SHEET FOR SOIL

Scenario No.: NA Field Logbook No: 100076 Page No: 113 Sampling Date: 6/27/02Address: 1017 MONTANA AVE Owner: ST JOHN LUTHERAN CHURCHLand Use: (circle) Residential School Commercial Mining Roadway Other (Church) ReligiousSampling Team: (circle) CDM PES Other _____ Names: CARIE FINGERHUT / RICHARD EUSTON

Data Item	Sample 1	Sample 2	Sample 3
Index ID	CS- 01175		
Location ID	SP- 111725		
Sample Group	<u>Field</u>		
Location Description (circle)	Back yard Front yard <u>Side yard</u> Other _____	Back yard Front yard Side yard Other _____	Back yard Front yard Side yard Other _____
Category (circle)	<u>FS</u> FD of _____ Field Blank (lot or equipment)	<u>FS</u> FD of <u>RE</u> Field Blank (lot or equipment)	<u>FS</u> FD of <u>RE</u> Field Blank (lot or equipment)
Matrix Type (Surface soil unless other wise noted)	<u>Surface Soil</u> Other _____	<u>Surface Soil</u> Other _____	<u>Surface Soil</u> Other _____
Type (circle)	Grab <u>Comp. # subsamples 5</u>	Grab Comp. # subsamples _____	Grab Comp. # subsamples _____
Sample Time	<u>1110</u>		
Top Depth (in.)	<u>0</u>		
Bottom Depth (in.)	<u>1</u> <u>6/27/02</u>		
Grid, Quadrant, Section			
Field Comments	<u>BD-000706</u>	<u>RE</u> <u>6/27/02</u>	
	Entered ____ Validated ____	Entered ____ Validated ____	Entered ____ Validated ____

Field Team	Initial
Completed by	<u>RE</u>
QC by	<u>CF</u>

St. John Lutheran Church

Location 1017 MONTANA AVE Date 6/27/02¹¹³

Project Client: Libby Asbestos Project
Velp/EPA REGION 8 BD-000206

1045 arrive at 1017 MONTANA AVE
Decided to collect two yards
one field and flower bed
sample area sprayed with water
for force collection, by C. Fingerhut

Y1 CS- 01172 SP- 111722

Y2 CS- 01173 SP- 111723

Flower bed CS- 01174 SP- 111724

Field CS- 01175 SP- 111725

no observed vertebrate life

ASOS (CASS)S: 000619 and 000620

COE NO: 002794

GPS: T2 006272

Pastor names are Christiansen

1/2
6/27/02

St Johns School/day
KVCS Care

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
999 18TH STREET, SUITE 300
DENVER, CO 80202

BD- 002854

15010/15/02

CONSENT FOR ENTRY AND ACCESS TO PROPERTY

Name: Butch Foote

Address: _____

Phone: 293-5137

Address of Property for which consent for entry and access is being granted:

1034 Maryland Ave

Owner: St. John Lutheran Church

Relationship to property: Trustee
(i.e., owner, tenant, etc.)

I, the undersigned, am the owner, their representative, or otherwise control the real property at the location described above. The Environmental Protection Agency (EPA) has requested entry and access to my property pursuant to its response and enforcement responsibilities under the Comprehensive Environmental Response, Compensation and Liability Act as amended (Superfund), 42 U.S.C. 9601 et seq.

I consent to officers, employees, and authorized representatives of the EPA, including their authorized contractors, entering and having continued access to my property for the following purposes:

1. Visually inspecting the property, including the interior and exterior of any home or any other structures on the property;
2. the taking of such soil, bulk, or dust samples as may be determined to be necessary;
3. the taking of actions to mark or temporarily cover exposed vermiculite.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. I certify that this Consent for Entry and Access is entered into voluntarily and constitutes an unconditional consent and grant of permission for access to the property by officers, employees, and authorized representatives of EPA at reasonable times.

10-15-02
Date

Butch Foote
Signature

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
999 18th STREET, SUITE 300
DENVER, CO 80202

CONSENT FOR ENTRY AND ACCESS TO PROPERTY

Name: ST JOHN LUTHERAN PRESCHOOL DAYCARE

Address: 1024 MONTANA AVE

LIBBY MT 59923

Phone: (406) 293-4248

Address of Property for which consent to access is granted:

S.A.A.

Relationship to property: CHAIRMAN BOARD OF CHRISTIAN EDUCATION
(i.e., owner, 5-year tenant, etc.) ST JOHN LUTHERAN CHURCH

I consent to officers, employees, and authorized representatives of the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. Air, wipe, and bulk sampling;
2. Such other actions as the EPA On-Scene Coordinator determines necessary to protect human health or welfare or the environment.

I realize that these actions by EPA are undertaken pursuant to its response authorities under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended (CERCLA), 41 U.S.C. Section § 9601 et seq.

I also realize that there may be loss of or damage to property during these actions. In addition, I realize EPA will be using my utilities, including heat, water and electricity.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind.

I certify that this Consent for Entry and Access is entered into voluntarily and constitutes an unconditional consent and grant of permission for access to the property by officers, employees and authorized representatives of EPA at reasonable times.

4/13/01
Date

William M. Bledsoe
Signature *Chairman Bd of Ed*

Community Involvement Checklist for Residential Removals

Libby, Montana

Resident Name(s): St. John's/KVCS Tenant Name(s): _____
 Phone: 293-4024 / 293-2303 Phone: _____
 Address: 1024 Montana Ave Address: _____
 Mailing Address: _____ Mailing Address: _____
 Anticipated Relocation Dates: 8/21 - 8/28
 Type of Remediation: exterior

Date Done	CIC Rep.	Item
		Meetings
	NA	• Relocation meeting with residents. Discuss the relocation, give them the relocation packet, and get information for authorization form i.e. SS#.
8/24	KB	• Pre-Construction meeting with residents, contractors, Volpe and CDM oversight. Discuss the details of the removal and restoration activities.
8/19	ku	• Neighborhood Canvas. Visit the neighbors within sight of the home being remediated before the remediation begins (2 days, if possible). Briefly discuss the work with them and leave them a Neighborhood Flyer. Leave a flyer if no one is home.
		Paperwork
	NA	• Access Agreement. Have resident read and sign at initial meeting.
	NA	• Residential Relocation Packet. Given to resident at initial meeting.
8/19	ku	• Authorization for Superfund Temporary Relocation Assistance form. Completed and signed, faxed to Volpe prior to relocation, original in resident file.
	NA	• Neighborhood Flyer. Update the electronic file for the Neighborhood Flyer with the address of the home to be remediated. Print out copies for distribution (colored paper)
9/3	KB	• Reimbursement Claim for Superfund Temporary Relocation Assistance form. Completed and signed, faxed to Volpe at end of removal, originals in resident file.
	NA	• Removal and Restoration Agreement for Residential Removals form - narrative agreed upon by all parties. Signed by Volpe, CDM, removal contractor, and resident, copy to resident, removal contractor and CDM oversight - original in file.
	NA	• Addendum for Removal and Restoration Agreement for Residential Removals. Updates of the original form made during meetings with the contractors and the resident. Signed by CDM, CDM, removal contractor, and resident, copy to resident, removal contractor, original in file.
10/15	ku	• Removal and Restoration Completion Form for Residential Removals. Completed and signed by resident, Volpe, ER. Copies to resident and removal contractor, original in file.
10/15	ku	• Residential Relocation Evaluation Form. Mailed to resident with self-addressed stamped envelope to be returned to Karen Ekstrom in Helena.
		• EPA Removal Completion Letter. EPA prepares. Original to resident, copy to file.
		Other
		• Lodging - During initial meeting with resident, find out lodging preference. Fill out hotel schedule (color coded on removal schedule)
		• Resident Contacts - During the relocation, call the residents every couple of days to provide an update on the work status and to find out if everything is going smoothly with them. Number of calls will vary based on the resident involved.
		• Photos - Collect digital photos from removal contractor and CDM oversight for completion folder at the end of the removal activities.
		Regular Recurring Tasks for On-Site (not specific to a given homeowner)
		• Morning Meeting - Attend morning meetings at CDM office (8 am M-F)
		• Close-out Meeting - Attend close-out meeting at EPA Info Center (4 pm M-F)
		• Daily Reports - Discuss events of the day. Email to Cook, Ekstrom, Thomi, & Morris.
		• Log Book - Maintain Community Involvement Log Book.



file copy
US Department of Transportation
Volpe National Transportation Systems Center
EPA Information Center • 501 Mineral Avenue • Libby, MT 59923
Phone: 406-293-6194 Fax: 406-293-5668

August 26, 2003

St. John Lutheran Church
1017 Montana
Libby, MT 59923

Dear Pastor Christiansen:

As you requested, I am writing to summarize the events leading up to the removal of contaminated soil from the St. John Lutheran Day Care property at 1024 Montana.

On April 18, 2001, eighteen (18) surface and subsurface soil samples were collected from the property. On June 21, 2001, Duc Nguyen, On-Scene Coordinator for the EPA, met with Helen Bledsoe and Ron Harris of the St. John Lutheran Church Board to discuss the results. Eleven (11) of the eighteen samples had <1% Libby Amphibole asbestos detected; four of which were collected from the surface soils. Mr. Nguyen and the board members discussed the analytical results and the associated risk, and the EPA was asked to take no further action at the property.

A Comprehensive Screening Study (CSS) investigation was completed on October 15, 2002. The purpose of the CSS investigation was to collect information in order to fully characterize the interior and exterior condition of the property. At that time, no visible vermiculite was present in the interior, the yards, flowerbeds, or playground. Soil samples were collected but have not yet been analyzed.

During the week of August 18, 2003, Myresa Boulware from Kootenai Valley Christian School contacted the EPA Information Center. Ms. Boulware notified us that she was leasing the property from St. John Lutheran Church and requested a copy of the CSS



US Department of Transportation
Volpe National Transportation Systems Center
EPA Information Center • 501 Mineral Avenue • Libby, MT 59923
Phone: 406-293-6194 Fax: 406-293-5668

investigation form. Someone had informed Ms. Boulware that visible vermiculite was present on the playground and she was concerned about her students playing in that area. An inspection team visited the property on August 20 - 21, 2003 and found evidence of visible vermiculite and asbestos on the surface of the playground. Because of the presence of visible asbestos on the surface, an immediate clean up of the playground was required.

If you have any questions about the sampling that occurred or the clean up that is currently taking place, please feel free to contact me at the EPA Information Center, 406-293-6194.

Sincerely,

Courtney Zamora

Site Manager

USDOT – Volpe Center

Berry, Karen

From: Zamora, Courtney [Zamora@VOLPE.DOT.GOV]
Sent: Tuesday, August 19, 2003 11:19 AM
To: Supernaugh, Scott; Cook, Thomas
Cc: Warren, Dee; Schroeder, David; Berry, Karen; Jim Christiansen (E-mail)
Subject: Kootenai Valley Christian School/St. John's Daycare

Kootenai Valley Christian School has relocated to the St. John's Daycare building at 1024 Montana. I spoke with Myresa (head of KVCS) yesterday and she was concerned with the data sheet she was given listing soil samples and results since she was told by the previous tenants that the property was clean.

In 2001, a total of 18 soil samples were collected at the KVCS/St. John's property.

Surface:

Four of the nine surface samples are <1% for LA.

One of those is from the playground area.

Subsurface:

Seven of the nine subsurface samples are <1% for LA.

Three of those are from the playground area.

In 2002, a CSS was performed at the property. The IFF noted that no visible vermiculite was present. This morning, Dee's RI team re-inspected and found trace amounts of visible vermiculite in the playground.

I spoke to Jim about the property this morning. Myresa from KVCS does not want school postponed or relocated so Jim is thinking about what we can do in the next two weeks. School starts on September 2nd.

Courtney

Removal and Restoration Agreement for Commercial Removals Libby, Montana

Owner's Name(s): St. John's Lutheran Church

Phone: 406-293-4024

Tenant's Name (s): Kootenai Valley Christian School (KVCS)

Phone: 406-293-2303

Address of Removal: 1024 Montana Ave

Mailing Address: same as above

Anticipated Removal Dates: August 21, 2003 to August 28, 2003

Type of Remediation: Vermiculite containing soil removal from playground

Pre-Construction Meeting Date: August 21, 2003

Pre-Construction Meeting Attendees: Phone conversation with Karen Berry (CDM) and Myresa Boulware (KVCS) and meeting with Karen Berry (CDM), David Schroeder (CDM), Courtney Zamora (CDM), Myresa Boulware (KVCS) and Eric Christiansen (Church)

Removal and Restoration Details Discussed and Agreed to:

Soil Excavation

1. Vermiculite containing soil (VCS) was observed in the playground area of the new location of the KVCS. Contaminated soil will be removed and disposed of offsite. Confirmation soil samples will be collected to verify the contamination has been removed.
2. Exterior restoration efforts will employ "replace in kind" methods. That is, any contaminated material removed (e.g., soil and vegetation etc.) will be replaced with similar items less than or equal to the original value.
3. After the soil excavation is complete, the area will be backfilled with government-approved soil.
4. Should other exterior areas be identified to require removal during excavation, they will also be excavated and subsequent confirmation samples will be collected.
5. All playground equipment will be cleaned with water and placed in the original location. All grass areas will be replaced with sod.
6. The asphalt walkways will be removed and not replaced. The concrete area will remain in place no soil excavation will be performed under the concrete area.
7. Per the owner's request the wood chips within the wooden borders will be replaced with sod.
8. Per the owner's request all wooden borders will be disposed of and not replaced.
9. Per the owner's request the fence separating the two playground areas will be disposed of and not replaced.
10. Only EPA-authorized personnel will be allowed inside the construction zone during removal activities.

11. If the Church and/or School have questions or concerns, please contact Karen Berry at 293-1701.

David Schmitt
~~Eric Christiansen, Owner's rep~~
David Schmitt

8-26-03
Date

Courtney Zamora
Courtney Zamora Volpe

9/3/03
Date

Myresa Boulware
Myresa Boulware, KVCS rep

8-26-03
Date

[Signature]
Chuck Jackson, ER

9/3/03
Date

Karen Berry
Karen Berry, CDM

8/26/03
Date

September 8, 2003

Myresa Boulware
Kootenai Valley Christian School
1024 Montana Ave
Libby, MT 59923

Subject: Remediation and Restoration

Dear Ms. Boulware:

The enclosed Agreement is for your information there is no need to respond. If you have any questions please call me at (406) 293-1701.

Sincerely,



Karen Berry

CDM

Community Involvement Coordinator

September 8, 2003

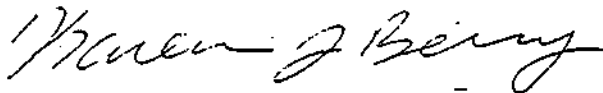
Eric Christiansen
St. John's Lutheran Church
1017 Montana Ave
Libby, MT 59923

Subject: Remediation and Restoration

Dear Mr. Christiansen:

The enclosed Agreement is for your information there is no need to respond. If you have any questions please call me at (406) 293-1701.

Sincerely,

A handwritten signature in cursive script, appearing to read "Karen J. Berry".

Karen Berry

CDM

Community Involvement Coordinator

Removal and Restoration Completion Form for Commercial Removals Libby, Montana

Owner's Name(s): St. John's Lutheran Church

Phone: 406-293-4024

Tenant's Name (s): Kootenai Valley Christian School (KVCS)

Phone: 406-293-2303

Address of Removal: 1024 Montana Ave

Mailing Address: same as above

Removal Dates: August 21, 2003 to August 28, 2003

Type of Remediation: Vermiculite containing soil removal from playground

Completion Meeting Date: October 10, 2003

Completion Meeting Attendees: Krystal Murphy (CDM), and Dave Schmidt (Church)

Removal and Restoration Details Discussed and Agreed to:

Soil Excavation

1. Vermiculite containing soil (VCS) was observed in the playground area of the new location of the KVCS. Contaminated soil was removed and disposed of offsite. Confirmation soil samples were collected to verify the contamination was removed.
2. Exterior restoration efforts employed "replace in kind" methods. That is, any contaminated material removed (e.g., soil and vegetation etc.) was replaced with similar items less than or equal to the original value.
3. After the soil excavation was complete, the area was backfilled with government-approved soil.
4. Playground equipment was cleaned with water and returned to the original location. Grass areas were replaced with sod.
5. Per the owner's request, some playground equipment was relocated to another play area.
6. The asphalt walkways were removed and not replaced. The concrete area remained in place. No soil excavation was performed beneath the concrete area.
7. Per the owner's request, the wood chips within the wooden borders were replaced with sod.
8. Per the owner's request, all wooden borders were disposed of and not replaced.
9. Per the owner's request, the fence separating the two playground areas was disposed of and not replaced.

General Information

10. Only EPA-authorized personnel were allowed inside the construction zone during removal activities.

11. The EPA will provide the owner with a vacuum equipped with a high-efficiency particulate air (HEPA) filter.
12. All removal and restoration work as described above has been completed to my satisfaction.

Dave Schmidt
Dave Schmidt, Church rep

10-10-03
Date

Courtney Zamora
Courtney Zamora, Volpe

10/15/03
Date

Myresa Boulware
Myresa Boulware, KVCS rep

10-13-03
Date

Chuck Jackson
Chuck Jackson, ER

10/15/03
Date

Krystal Murphy
Krystal Murphy, CDM

10/10/03
Date

October 15, 2003

Myresa Boulware
Kootenai Valley Christian School
1024 Montana Ave
Libby, MT 59923

Subject: Remediation and Restoration

Dear Mrs. Boulware:

The enclosed Completion Form is for your information there is no need to respond. Please fill out and send in the Evaluation Form at your earliest convenience. If you have any questions please call me at (406) 293-8595. Thank you.

Sincerely,

A handwritten signature in cursive script, appearing to read "Krystal" followed by a stylized flourish or initial.

Krystal Murphy

CDM

Community Involvement Coordinator

October 15, 2003

Dave Schmidt
St. John's Lutheran Church
1017 Montana Ave
Libby, MT 59923

Subject: Remediation and Restoration

Dear Mr. Schmidt:

The enclosed Completion Form is for your information there is no need to respond. Please fill out and send in the Evaluation Form at your earliest convenience. If you have any questions please call me at (406) 293-8595. Thank you.

Sincerely,

A handwritten signature in cursive script, appearing to read "Krystal" followed by a stylized monogram or initials.

Krystal Murphy

CDM



Community Involvement Coordinator



Information Update for Neighbors of Properties Undergoing Asbestos Cleanups

On August 21, 2003 the U.S. Environmental Protection Agency (EPA) will begin an asbestos removal action at 1024 Montana Ave, Kootenai Valley Christian School. This work is part of EPA's ongoing efforts to protect the health of the citizens of Libby by removing significant source areas of asbestos from residential areas. It typically involves removal of vermiculite-containing insulation. EPA would like to ensure neighbors that this work has been carefully designed with the health and safety of workers and the community as the primary concern. EPA's contractors are VERY experienced in the safe removal of asbestos-containing materials.

The following is a brief list of health and safety information that may interest you:

- **Protective Clothing and Equipment.** Because they are working in direct contact with asbestos-contaminated materials, workers will be wearing protective clothing and equipment. This includes gloves, white Tyvek suits, and respirators. This serves to protect them from inhalation of asbestos fibers. It also allows them to be fully decontaminated before leaving the site, thereby protecting the community. *People who are not working with the materials on site DO NOT need to wear this clothing and equipment.* 
- **Decontamination.** The work areas are segregated to prevent contamination from being spread off-site. Workers or equipment cannot leave the property without a thorough decontamination. *NO ONE will be allowed on site without authorization.*
- **Dust Control and Monitoring.** The work is being completed under conditions designed to eliminate airborne transport of dust. Materials will be wetted and wind conditions will be monitored to ensure that dust is not generated. Air monitors have been set up along the perimeter of the property, and the air quality will be monitored throughout the project. The results of that monitoring will be used to verify that dust control measures were successful.
- **Road Safety.** Trucks will be traveling to and from the property during this work. The drivers are experienced and are aware of the precautions necessary to move safely through residential areas. Routes have been chosen to maximize safety, and drivers will be careful of their speeds and alert to the potential for children to be in the road. *Please help us by reminding your children to be extra aware of traffic during this time* 
- **Noise.** This work involves heavy equipment and trucks, but EPA has made every effort to minimize the associated noise, in part by limiting working hours to between 7:30am and 6:30pm, Monday through Friday. Neighbors may also occasionally notice the vehicle of one of the security guards, who are on duty during hours when the house is unoccupied.



The remediation work is scheduled to begin on August 21, 2003 and should be completed by August 28, 2003. If you have questions, or need assistance, please call the on-site Community Involvement Coordinator at 293-1701 (cell). You may also call or visit the EPA Information Center at 501 Mineral Avenue (293-6194).

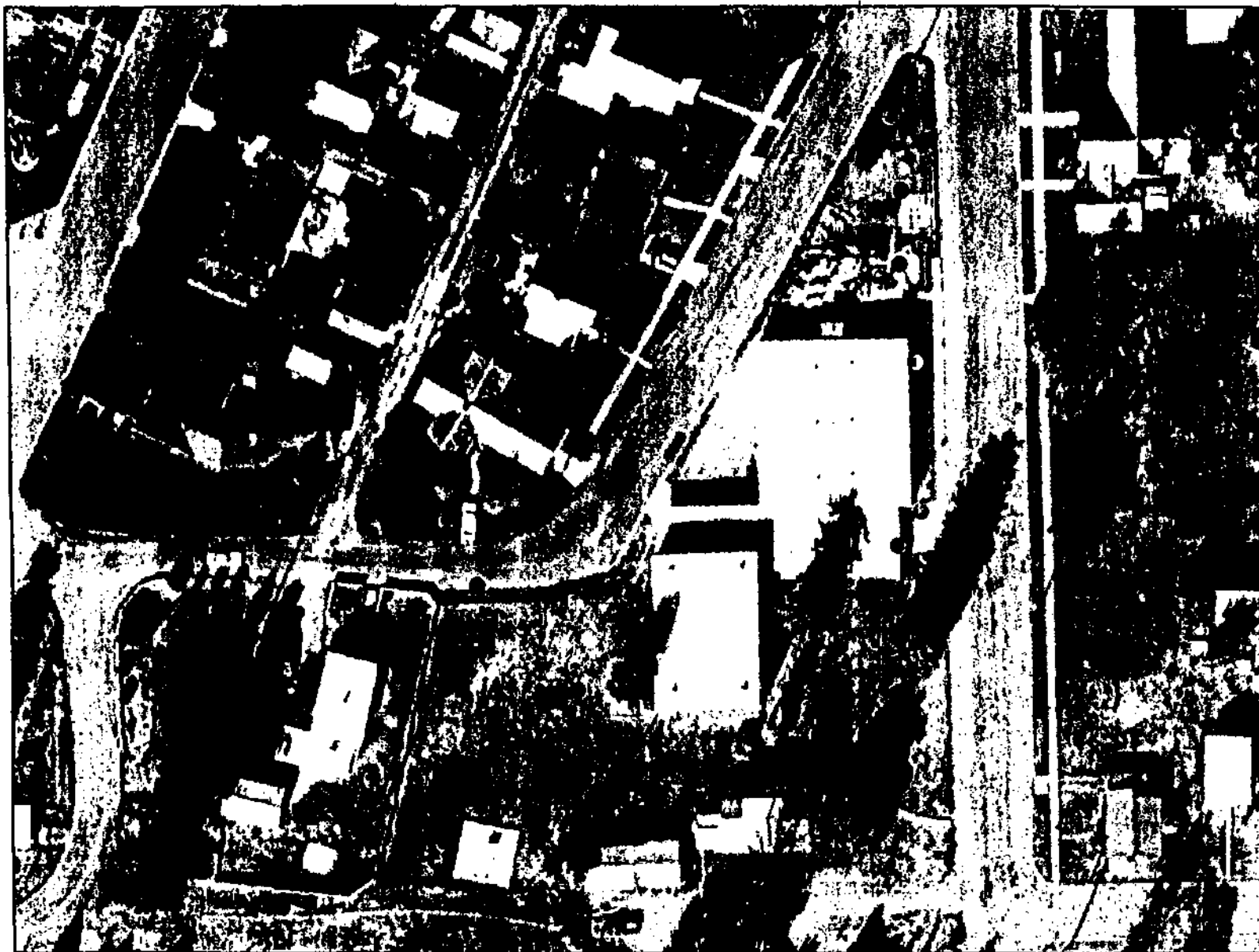


EPA Neighborhood Update

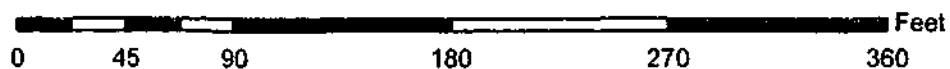
**Contains Important Information about the Libby Asbestos Cleanups -
Please Read**

Restoration

Property	Address	Phone	Oversight	Contractor	Entered	Outstanding issues	Scott's Comments	Krystal's Comments	Completed
KVCS	565 City Service	2303	Dean	ER	17-Jul	need to replace rugs		set appt w/ Chuck for 2:00 for 7-18	7/18/2003
					1-Jul	hydroseed s. side excavation area		Dave re-hydroseeded. 7-11	
					11-Jul			completion mtg 7/118 @ 2	



1024 Montana Ave, St John Luthern Church Daycare



● Soil Sample Locations

KEN

Soil samples collected (Date: 10/15/02) ^{to 10/15/02}No CSS Soil Samples Collected
to be GPSLIBBY ASBESTOS PROJECT
Contaminant Screening Study

Primary Structure and Property Assessment Information Field Form (IFF)

only.

Field Logbook No.: 100145 Page No.: 44 Site Visit Date: 10/15/02
 Address: 1024 Montana Ave Structure Description: House
 Occupant: Butch Fook Phone Number: 293-5137
 Owner (if different than occupant): St. John Lutheran Church Phone Number: NA
 Sampling Team: Mike Coffey CAM, Shawn Givira CAM
 Field Form Check Completed by (100% of forms): [Signature]
 Screening Field Check Completed by (2% of forms): [Signature]

Data Item	Value	Notes
HOUSE ATTRIBUTES		
Property Description	Residential Industrial <u>Commercial</u>	
Surrounding Land Use	<u>Residential</u> Industrial Commercial School Mining Other: _____	
Year of Construction	<u>1954</u> Unknown	
Square Footage	<u>= 5000 sq ft</u>	
Construction Material	<u>Wood frame</u> <u>Masonry/Stone</u> Other: _____	
Number of Floors Above Ground	<u>1</u> 2 3 Other: _____	
Number of Rooms Per Floor Above Ground	1: <u>12</u> 2: _____ 3: _____ Other: _____	
Basement	<u>Yes</u> No	
Heating Source	Wood/Coal Electric Propane/Gas Other: <u>Oil</u>	
Heat Distribution	Forced air <u>Radiant</u> Other: _____	

CSS INFORMATION FIELD FORM (continued)

Address: 1024 Montana AveBD# 002854

Data Item	Value	Notes
OCCUPANT INFORMATION		
Number of Adults/Employees	0 <u>1</u> 2 3 4 5-15 16-20 21-30 >30	
Number of Children	<u>0</u> 1 2 3 4 Other: _____	
Years at Location	<1 1-5 5-10 10-15 <u>>15</u>	
Was the residence/building remodeled?	Yes <u>No</u> If yes, When (years): <2 2-5 >5 Where: Attic Living Areas Garage Basement Other: _____	
Has resident/business purchased any Libby vermiculite materials from W.R. Grace in the past?	Yes <u>No</u>	
Has the property at this location been used for a for-profit enterprise of distributing, treating, storing, or disposing of Libby vermiculite?	Yes <u>No</u>	
Are there any known areas of exposed vermiculite?	Yes <u>No</u> If yes, Where: Ceiling Walls Floors Attic Other: _____	

CSS INFORMATION FIELD FORM (continued)

Address: 1024 Montana AveBD# 002054

Data Item	Value	Notes
INDOOR ASSESSMENT		
Vermiculite Insulation Past or Present	Attic: Yes <input checked="" type="radio"/> No <input checked="" type="radio"/> NA <input type="radio"/> Unknown <input type="radio"/> Walls: Yes <input checked="" type="radio"/> No <input checked="" type="radio"/> NA <input type="radio"/> Unknown <input type="radio"/> Basement: Yes <input checked="" type="radio"/> No <input checked="" type="radio"/> NA <input type="radio"/> Unknown <input type="radio"/> Crawl Space: Yes <input checked="" type="radio"/> No <input checked="" type="radio"/> NA <input type="radio"/> Unknown <input type="radio"/> Other: _____	Visual confirmation of current presence or absence required for attic. • Fiberglass throughout • No LVO observed in basement.
Evidence of Physical Damage?	Yes <input type="radio"/> No <input checked="" type="radio"/>	
Evidence of Water Damage?	Yes <input type="radio"/> No <input checked="" type="radio"/>	
OUTDOOR ASSESSMENT		
Libby Amphibole Sources Present	Garden: Yes <input checked="" type="radio"/> No <input checked="" type="radio"/> NA <input type="radio"/> Yard: Yes <input checked="" type="radio"/> No <input checked="" type="radio"/> NA <input type="radio"/> Stockpiles: Yes <input type="radio"/> No <input checked="" type="radio"/> NA <input type="radio"/> Other: _____	Minimal amount of flakes observed in an isolated spot under swing set
Proximity to Other Properties with Potential Sources of Libby Amphiboles	Next door _____ Within same block _____ Other: _____ <input checked="" type="radio"/> Unknown	

CSS INFORMATION FIELD FORM (continued)

Address: 1024 Montana AveBD# 002854

Data Item	Value	Notes
EXPOSURE ASSESSMENT		
Type and Frequency of Activity Near Vermiculite Material - Indoor	Frequency: Once a day Once a week Once a month Once a year <u>Not Applicable</u>	Not Applicable applies when no vermiculite is present on the property.
	Duration of Contact: <1 hour 1-2 hours 2-4 hours >4 hours <u>Not Applicable</u>	
	Extent of Contact: Heavy Moderate Light <u>Not Applicable</u>	
Type and Frequency of Activity Near Vermiculite Material - Outdoor	Frequency: Once a day Once a week Once a month Once a year <u>Not Applicable</u>	Not Applicable applies when no vermiculite is present on the property.
	Duration of Contact: <1 hour 1-2 hours 2-4 hours >4 hours <u>Not Applicable</u>	
	Extent of Contact: Heavy Moderate Light <u>Not Applicable</u>	

CSS INFORMATION FIELD FORM (continued)

Address: 1024 Montana Ave.BO# 002854

Data Item	Value	Notes
CONTAMINANT SCREENING STUDY ASSESSMENT		
Occupant Information		
Is there any knowledge of former miners, close relative of miners, or any highly exposed persons living or visiting the property?	Yes <u>Unknown</u> No	
Is the resident, past or present, diagnosed with an asbestos related disease?	<u>Yes</u> Unknown No	
Indoor Information		
Does the interior have Zonolite attic insulation?	Yes Unknown <u>No</u>	
Did the interior ever have Zonolite attic insulation?	Yes Unknown <u>No</u> NA	NA applies if attic currently has ZAI.
Are there vermiculite additives in any of the building materials?	Yes Unknown <u>No</u>	
Outdoor Information		
Is there any evidence of primary source materials <u>at or near</u> the property?	<u>Yes</u> Unknown <u>No</u> DW 8-19-03	
Could this have been tracked indoors or otherwise spread outdoors on the property?	<u>Yes</u> Unknown <u>No</u> DW 8-19-03	
Overall Assessment		
Are primary source materials present at the property?	<u>Yes</u> <u>No</u> DW 8-19-03	
Where are primary source materials located?	Inside Both <u>Outside</u> <u>NA</u> DW 8-19-03	
ADDITIONAL INFORMATION <u>Vacant private school. Fiberglass throughout</u> <u>Not observed in basements. No outdoor equipment</u> <u>DW 8-19-03 Minimal amount of flakes observed in isolated portion of playground near swing set.</u>		

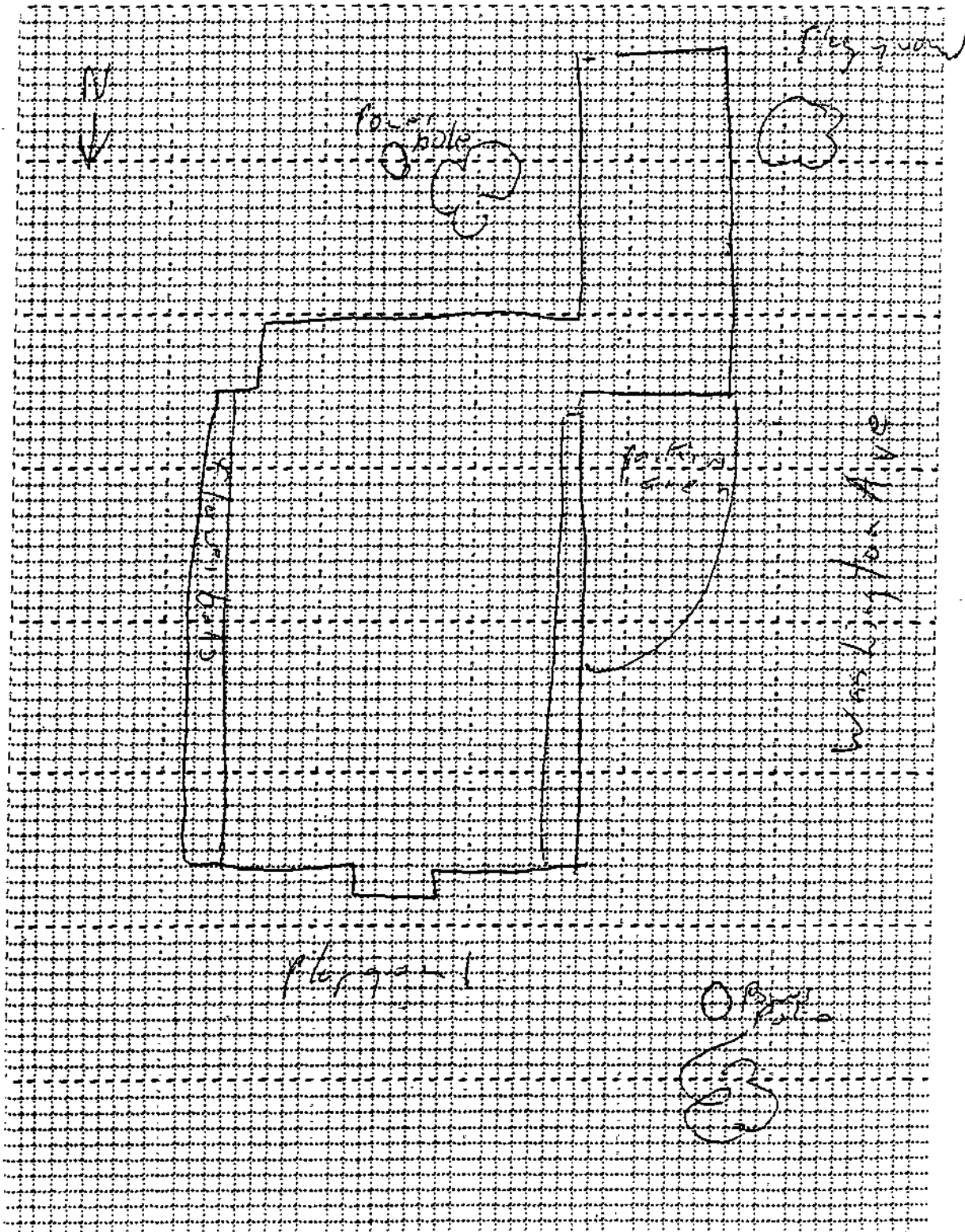
Address: 1024 Montana Ave

BD# 7D-002854

FIELD DIAGRAM OF PROPERTY

Identify important features (i.e. drainage, trees, gardens, structures, flowerbeds, utility poles, known underground utilities, suspected Libby amphibole source areas, sample locations, etc). Include north arrow.

NOT TO SCALE



Address: 1024 Montan Ave

BD# 062859

FIELD DIAGRAM OF PRIMARY STRUCTURE

Include approximate dimensions of attic. Use more than one diagram if needed. Completed only if ZAI is present.

Scale: 1/10" = 1 foot

A large grid of graph paper, consisting of many small squares, intended for drawing a field diagram of a primary structure. The grid is approximately 30 units wide by 40 units high.

Address: KOOTENAI VALLEY CHRISTIAN SCHOOL

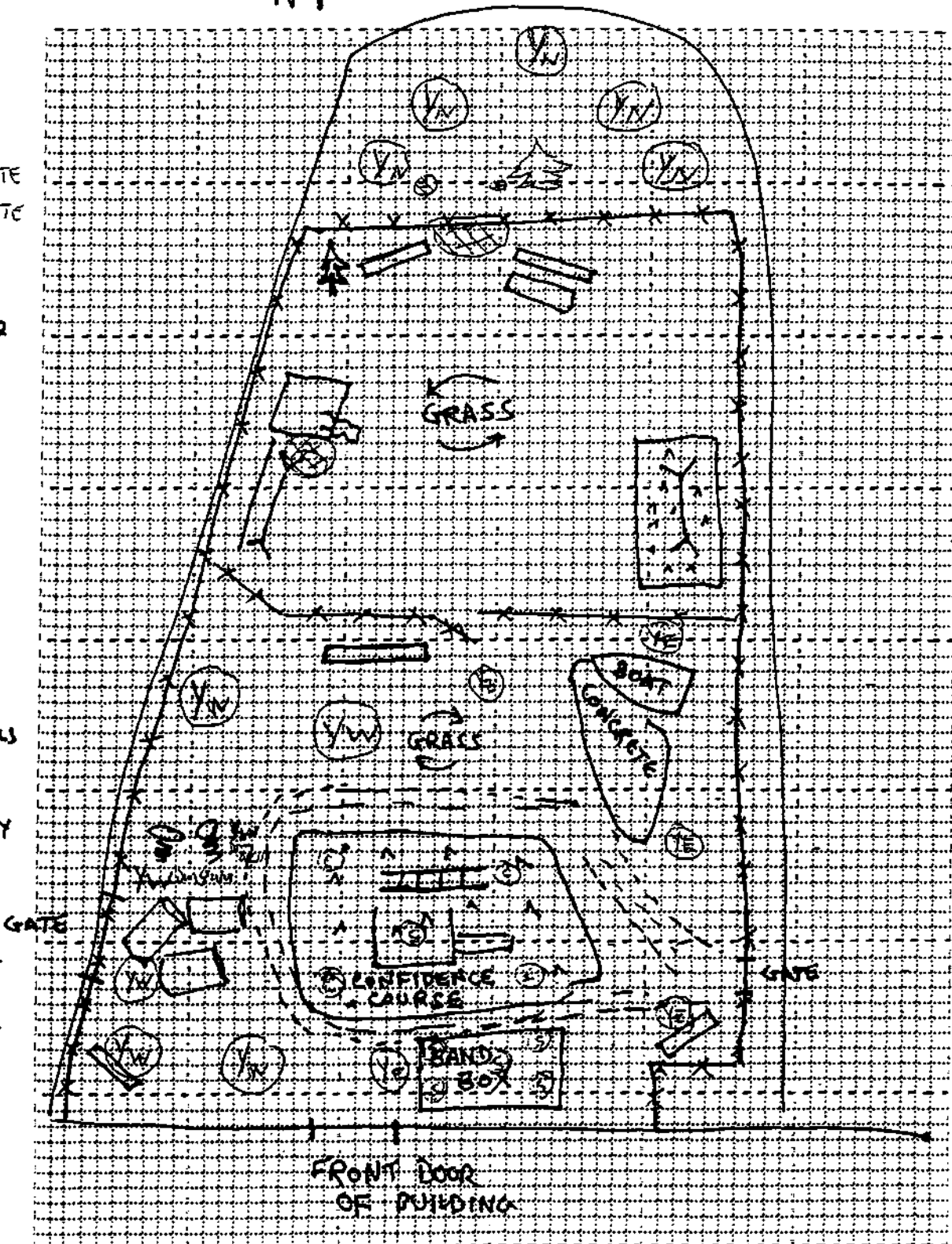
8/21/03 CSS/RS. TEAM 1

BD# _____

FIELD DIAGRAM OF PROPERTY

Identify important features (i.e. drainage, trees, gardens, structures, flowerbeds, utility poles, known underground utilities, suspected Libby amphibole source areas, sample locations, etc). Include north arrow.

NOT TO SCALE



□ - BENCH

□ - TABLE

X - FENCE

┌ - SWING

△ - MULCH

□ - JUNGLE GYM

--- PAVED ASPHALT WALKWAY

⊗ - VISIBLE VERMICULITE + TREMOLITE

🌲 - TREE OR BUSH

□ - PLAY TUNNELS CONCRETE SET

⊗ - RIDING TOY

GATE

FRONT DOOR OF BUILDING

44 St John Lutheran Church
Location: 1024 Montana Ave Date 10-15-02
Project: Client: Lidby Asbestos/ELA/Volpe

1306 St John Lutheran School
Interviewed trustee, NO LRA observed
Fiberglass throughout. No vermin etc
observed in yard.
Photo #9

BD- 002854

Departed 1345

Mike Casey 10-15-02

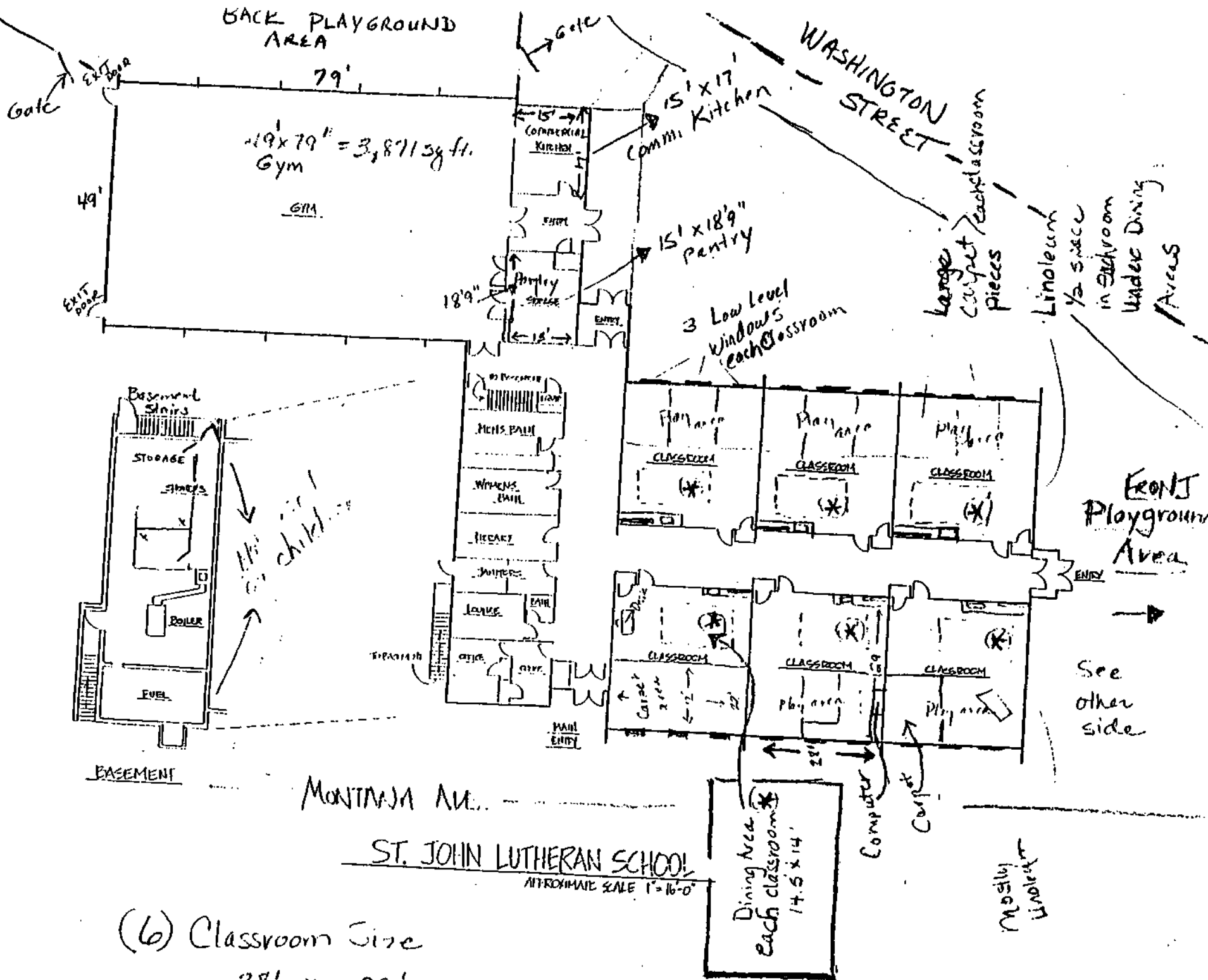
Mike Casey

Location 1024 Montana Ave Date 10/19/02 33
Project Client: Gibby Asbestos VOLFE/EPA Region 8
St. John Lutheran School BD-002354

1421 Curve 1024 Montana Ave. GPS
only. GPS FILE: T3I10182.
1425 Ceave site.

on collector

10/19/02 Randall-Roberts Randall-Roberts



(6) Classroom Size
 28' x 29'

LIBBY ASBESTOS PROJECT
Contaminant Screening Study
Additional Information Field Form (AIFF)

Field Logbook No.: 100218 Page No.: 40,41 Site Visit Date: 6/5/03
 Address: 1017 MONTANA Structure Description: Church
 Occupant: St John's Lutheran Church Phone Number: 293 4024
 Owner (if different than occupant): N/A Phone Number: N/A
 Business Name: N/A
 Sampling Team: DAVID R MICHAELS Joseph MARTIN
 Field Form Check Completed by (100% of forms): Joe Martin
 Screening Field Check Completed by (2% of forms): Joe Martin

Instructions: Pull existing residential file folder and original IFF; ensure past dust sampling FSDS, and soil sampling FSDS, are present. Conduct additional investigations as described below. If action item does not apply to the property, check item does not apply to this property.

Category and Action Trigger	Action	Notes
INDOOR SAMPLING/ATTIC INSPECTION		
Current presence of VCI - Unknown Answer to IFF question: Does the interior have VCI? = Unknown	Current Status of VCI Determined: <input type="checkbox"/> Yes, update existing IFF. If VCI is present, collect dust samples in living space per dust sampling protocol after reviewing existing dust sample locations. <input type="checkbox"/> No, collect dust samples in living space per dust sampling protocol after reviewing existing dust sample locations. <input checked="" type="checkbox"/> Item does not apply to this property.	
Past presence of VCI - Yes Answer to IFF question: Did the interior ever have VCI? = Yes	Remnants of Vermiculite Visible: <input type="checkbox"/> Yes, collect dust samples in living space per dust sampling protocol after reviewing existing dust sample locations. <input type="checkbox"/> No, collect dust samples in living space and attic per dust sampling protocol after reviewing existing dust sample locations. <input type="checkbox"/> Unknown, attic cannot be accessed for visual inspection. Collect dust samples in living-space per dust sampling protocol after reviewing existing dust sample locations. <input checked="" type="checkbox"/> Item does not apply to this property.	

CSS-Additional IFF (Continued)

Address: 1017 MONTANA

80# 000706

Category and Action Trigger	Action	Notes
Secondary Source Indications Answer to any IFF Secondary Source Indication questions (mining history, asbestos-related disease) = Yes	<input checked="" type="checkbox"/> Collect dust samples in living space per dust sampling protocol after reviewing existing dust sample locations. <input type="checkbox"/> Item does not apply to this property.	
Vermiculite Present in Building Materials Answer to IFF question: Are there vermiculite additives in any of the building materials? = Yes	Condition of Vermiculite Containing Building Material: <input type="checkbox"/> Intact. No further action on this item required. <input type="checkbox"/> Friable, collect dust samples in living space per dust sampling protocol after reviewing existing dust sample locations. <input checked="" type="checkbox"/> Item does not apply to this property.	
Location dust samples NOT collected due to current presence of visible vermiculite (circle all that apply)	Basement Ground Floor Second Floor Attached Garage <u>None</u> Other: _____ <input type="checkbox"/> Item does not apply to this property.	Specific location of visible vermiculite:
OUTDOOR SAMPLING		
Visible vermiculite in large use area (Driveway or yard)	<input type="checkbox"/> Collect soil sample for each use area and add locations to existing property diagram. <input type="checkbox"/> Collect dust samples in living space per dust sampling protocol after reviewing existing dust sample locations. <input checked="" type="checkbox"/> Item does not apply to this property.	
ADDITIONAL INFORMATION (Note any partial access or sample collection issues): _____ _____ _____ _____ _____ _____ _____ _____		

**LIBBY MONTANA SITE INVESTIGATION
FIELD SAMPLE DATA SHEET FOR
SOIL-LIKE MATERIALS**

Field Logbook
100004

Address or Location ID: 1024 Montana Lutheran DaycareOwner: St. John Lutheran ChurchLand Use Category: Residential (School) Commercial Mining Future Residential
Commercial Logging Roadway Other ()Sample Date: 4/18/02Sampling Team: CDM - Michael Costello

Data Item	Sample 1	Sample 2	Sample 3
Field ID Number	<u>LIB-LDC-001-SO-03</u>	<u>LIB-LDC-001-SO-3-14</u>	<u>LIB-LDC-001-SO-14-18</u>
Index ID	1-02215	1-02216	1-02217
Sample Time	<u>1215</u>	<u>1225</u>	<u>1230</u>
GPS Coordinates	Northing <u>5360197.077</u> Easting <u>607052.118</u>	Northing <u>5360197.077</u> Easting <u>607052.118</u>	Northing <u>5360197.077</u> Easting <u>607052.118</u>
Matrix Type (circle)	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()
Category (circle)	<u>(FS)</u> FD	<u>(FS)</u> FD	<u>(FS)</u> FD
Type (circle)	<u>(Grab)</u> Comp # subsamples	<u>(Grab)</u> Comp # subsamples	<u>(Grab)</u> Comp # subsamples
Top Depth (in.)	<u>0</u>	<u>3</u>	<u>14</u>
Bottom Depth (in.)	<u>3</u>	<u>14</u>	<u>18</u>
Map Location(s) (Indicate on field sketch)	<u>001</u>	<u>001</u>	<u>001</u>
Field Comments	<u>Asphalt walkway profile</u> <u>asphalt subgrade</u>	<u>Graded fill, H.</u> <u>yellowish brown, slightly</u> <u>sandy silt & some cobbles.</u> <u>Suspect materials in</u> <u>matrix, near upper</u> <u>hor. zon.</u>	<u>Truncated purple horizon</u> <u>med. brown. Fines.</u> <u>Fine silty sand</u>

AC

**LIBBY MONTANA SITE INVESTIGATION
FIELD SAMPLE DATA SHEET FOR
SOIL-LIKE MATERIALS**

Address or Location ID: 1034 Montana, Lutheran DaycareOwner: Sy. John Lutheran ChurchLand Use Category: Residential (School) Commercial Mining Future Residential
Commercial Logging Roadway Other ()Sample Date: 4/18/01 Sampling Team: CDM - Costello

Data Item	Sample 1	Sample 2	Sample 3
Field ID Number	<u>LIB-LDC-002-50-12-16</u>	⁵⁰ <u>LIB-LDC-003-2-6</u>	<u>LIB-LDC-003-50-6-12</u>
Index ID	1-02218	1-02219	1-02220
Sample Time	<u>1240</u>	<u>1255</u>	<u>1305</u>
GPS Coordinates	Northing <u>5360194.952</u> Easting <u>607048.867</u>	Northing <u>5360206.668</u> Easting <u>607049.267</u>	Northing <u>5360206.666</u> Easting <u>607049.267</u>
Matrix Type (circle)	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()
Category (circle)	<u>FS</u> FD	<u>FS</u> FD	<u>FS</u> FD
Type (circle)	<u>Grab</u> Comp # subsamples	<u>Grab</u> Comp # subsamples	<u>Grab</u> Comp # subsamples
Top Depth (in.)	<u>12</u>	<u>2</u>	<u>6</u>
Bottom Depth (in.)	<u>16</u>	<u>6</u>	<u>12</u>
Map Location(s) (Indicate on field sketch)	<u>002</u>	<u>003</u>	
Field Comments	<u>Sub bed for pad</u>	<u>Sub bed for pad</u>	

TCE

**LIBBY MONTANA SITE INVESTIGATION
FIELD SAMPLE DATA SHEET FOR
SOIL-LIKE MATERIALS**

Address or Location ID: 1024 Montana, St. John's Lutheran DaycareOwner: St. John's Lutheran DaycareLand Use Category: Residential School Commercial Mining Future Residential
Commercial Logging Roadway Other ()Sample Date: 4/18/01 Sampling Team: CDM - Costello, Michael

Data Item	Sample 1	Sample 2	Sample 3
Field ID Number	<u>LIB-LDC-003-50-12-18</u>	<u>LIB-LDC-004-50-0-8</u>	<u>LIB-LDC-005-50-10-6</u>
Index ID	1-02266	1-02267	1-02268
Sample Time	<u>1305</u>	<u>1310</u>	<u>1320</u>
GPS Coordinates	Northing <u>5360206.666</u> Easting <u>607049.267</u>	Northing <u>5360218.177</u> Easting <u>607047.356</u>	Northing <u>5360178.448</u> Easting <u>607052.984</u>
Matrix Type (circle)	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()
Category (circle)	<u>FS</u> FD	<u>FS</u> FD	<u>FS</u> FD
Type (circle)	<u>Grab</u> Comp # subsamples	<u>Grab</u> Comp # subsamples	<u>Grab</u> Comp # subsamples
Top Depth (in.)	<u>12</u>	<u>0</u>	<u>0</u>
Bottom Depth (in.)	<u>16</u>	<u>6</u>	<u>6</u>
Map Location(s) (Indicate on field sketch)	<u>003</u>	<u>004</u>	<u>005</u>
Field Comments	<u>Nails, glass</u>		

TCC

**LIBBY MONTANA SITE INVESTIGATION
FIELD SAMPLE DATA SHEET FOR
SOIL-LIKE MATERIALS**

Address or Location ID: 1034 Montana, Lutheran DaycareOwner: St. John's Lutheran ChurchLand Use Category: Residential School Commercial Mining Future Residential
Commercial Logging Roadway Other ()Sample Date: 4/18/01 Sampling Team: CDM - Costello/Michael et

Data Item	Sample 1	Sample 2	Sample 3
Field ID Number	<u>LIB-LDC-006-50-0-4</u>	<u>LIB-LDC-006-50-4-12</u>	<u>LIB-LDC-006-50-0</u>
Index ID	1-02269	1-02270	1-02271
Sample Time	<u>1325</u>	<u>1330</u>	<u>1335</u>
GPS Coordinates	Northing <u>5360153.679</u> Easting <u>607051.619</u>	Northing <u>5360153.679</u> Easting <u>607051.619</u>	Northing <u>5360154.481</u> Easting <u>607052.583</u>
Matrix Type (circle)	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()
Category (circle)	<u>FS</u> FD	<u>FS</u> FD	<u>FS</u> FD
Type (circle)	<u>Grab</u> Comp # subsamples	<u>Grab</u> Comp # subsamples	<u>Grab</u> Comp # subsamples
Top Depth (in.)	<u>0</u>	<u>4</u>	<u>8</u>
Bottom Depth (in.)	<u>4</u>	<u>12</u>	<u>6</u>
Map Location(s) (Indicate on field sketch)	<u>006</u>	<u>006</u>	<u>007</u>
Field Comments	<u>Fine sand</u>	<u>Coarse sand</u>	<u>Surface location where m raw vermiculite was found.</u>

KE

**LIBBY MONTANA SITE INVESTIGATION
FIELD SAMPLE DATA SHEET FOR
SOIL-LIKE MATERIALS**

Address or Location ID: 1034 Montana, Lutheran DaycareOwner: St. Johns Lutheran ChurchLand Use Category: Residential School Commercial Mining Future Residential
Commercial Logging Roadway Other ()Sample Date: 4/18/01 Sampling Team: CDM - Costello/Mikhail

Data Item	Sample 1	Sample 2	Sample 3
Field ID Number	<u>LIB-LDC-008-50-0-6</u>	<u>LIB-LDC-009-50-0-6</u>	<u>LIB-LDC-009-50-6-12</u>
Index ID	1-02272	1-02273	1-02251
Sample Time	<u>1345</u>	<u>1400</u>	<u>1405</u>
GPS Coordinates	Northing <u>5360149.449</u> Easting <u>607048.543</u>	Northing <u>5360141.912</u> Easting <u>607004.891</u>	Northing <u>5360141.912</u> Easting <u>607004.891</u>
Matrix Type (circle)	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()
Category (circle)	<u>FS</u> FD	<u>FS</u> FD	<u>FS</u> FD
Type (circle)	<u>Grab</u> Comp # subsamples	<u>Grab</u> Comp # subsamples	<u>Grab</u> Comp # subsamples
Top Depth (in.)	<u>0</u>	<u>0</u>	<u>6</u>
Bottom Depth (in.)	<u>6</u>	<u>6</u>	<u>12</u>
Map Location(s) (Indicate on field sketch)	<u>008</u>	<u>009</u>	<u>009</u>
Field Comments		<u>Sandy Loam</u>	

TE

**LIBBY MONTANA SITE INVESTIGATION
FIELD SAMPLE DATA SHEET FOR
SOIL-LIKE MATERIALS**

Address or Location ID: 1024 Montana, Lutheran DaycareOwner: St. John's Lutheran ChurchLand Use Category: Residential School Commercial Mining Future Residential
Commercial Logging Roadway Other ()Sample Date: 4/18/01Sampling Team: CDM - Costello/Mikhailof

Data Item	Sample 1	Sample 2	Sample 3
Field ID Number	<u>LIB-LDC-010-50-0-6</u>	<u>LIB-LDC-011-50-6-12</u>	<u>LIB-LDC-012-50-0-6</u>
Index ID	1-02252	1-02253	1-02254
Sample Time	<u>1410</u>	<u>1415</u>	<u>1428</u>
GPS Coordinates	Northing <u>5360125.330</u> Easting <u>606998.825</u>	Northing <u>5360113.141</u> Easting <u>606998.767</u>	Northing <u>5360142.175</u> Easting <u>606992.846</u>
Matrix Type (circle)	Soil Yard Soil <u>Garden Soil</u> <u>Play Area</u> Driveway Mining Waste Other ()	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()
Category (circle)	<u>FS</u> FD	<u>FS</u> FD	<u>FS</u> FD
Type (circle)	<u>Grab</u> Comp # subsamples	<u>Grab</u> Comp # subsamples	<u>Grab</u> Comp # subsamples
Top Depth (in.)	<u>0</u>	<u>6</u>	<u>0</u>
Bottom Depth (in.)	<u>6</u>	<u>12</u>	<u>6</u>
Map Location(s) (Indicate on field sketch)	<u>010</u>	<u>011</u>	<u>012</u>
Field Comments	<u>Mixed fill</u>	<u>Subbed of slab.</u>	<u>By tetherball pole</u>

**LIBBY MONTANA SITE INVESTIGATION
FIELD SAMPLE DATA SHEET FOR
SOIL-LIKE MATERIALS**

Address or Location ID: 1024 Montana, Lutheran DaycareOwner: St. Johns Lutheran ChurchLand Use Category: Residential School Commercial Mining Future Residential
Commercial Logging Roadway Other ()Sample Date: 4/18/01Sampling Team: CDM - Costello / Michael

Data Item	Sample 1	Sample 2	Sample 3
Field ID Number			
Index ID	1-02275	1-02276	1-02277
Sample Time	1400	1305	1710
GPS Coordinates	Northing <u>5360141.912</u> Easting <u>607004.891</u>	Northing <u>5360206.666</u> Easting <u>607049.267</u>	Northing _____ Easting _____
Matrix Type (circle)	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()	Soil Yard Soil Garden Soil <u>Play Area</u> Driveway Mining Waste Other ()	Soil Yard Soil Garden Soil Play Area Driveway <u>Mining Waste</u> Other ()
Category (circle)	<u>FS</u> <u>FD</u>	<u>FS</u> <u>FD</u>	<u>FS</u> <u>FD</u>
Type (circle)	<u>Grab</u> Comp # subsamples _____	<u>Grab</u> Comp # subsamples _____	<u>Grab</u> Comp # subsamples _____
Top Depth (in.)	0	4	0
Bottom Depth (in.)	6	12	4
Map Location(s) (Indicate on field sketch)	009	003	
Field Comments	Duplicate of 1-02273	Duplicate of 1-02220	Duplicate of 1-02264 <i>This sample placed in sheet 3-450</i> T&E

[illegible]

500, Cloudy

St. Johns School

4/19/01

1205 Arrive on-site, Costello + Michailof (Costello with log book). Decon equipment + alconox.

1215 top water, DT water rinse.

1220 Collect LIB-LDC-002-SC-0-8

1-02215

lyphate subgrade

1225 collect LIB-LDC-002-SC-3-14

1-02216

located 1.5' light yellowish brown, st. sandy

1.5' + some reddish. Collect materials in
alconox, over night wash.

1230 Collect LIB-LDC-002-SC-14-18

1-02217

Truncated native horizon. Medium brown.
Silty, fine silty sand.

1240 LIB-LDC-002-SC-18 (no sample)

6-8' fine gravel, recent (granite)

8-12 concrete slab

12-14 concrete for pad

LIB-LDC-002-SC-12-16

1-02218

A. Michailof

5:55-01
John Michailof

4/18/01

St. Johns Daycare

1255

LIB-LDC-003

0-2 Asphalt (no sample) ^{4/18/01}
2-6 Subgrade of slab (no sample)

LIB-LDC-003-50-2-6

1-02219

1305

LIB-LDC-003-50-6-12

1-02220

1306

LIB-LDC-003-50-12-16

1-02266

1310

Interval contains nails & glass

LIB-LDC-004-50-0-6

1-02267

1320

LIB-LDC-005-50-0-6

1-02268

1325

LIB-LDC-006-50-0-11

1-02269

1330

LIB-LDC-007-50-0-12

1-02270

M. R. R.

Luthern Daycare

4/18/01

1335

LIB-LDC-007-50-0-6

1-02271

Same location as raw vermiculite was found.

1345

LIB-LDC-008-50-0-6

1-02272

1400

LIB-LDC-009-50-0-6

1-02273

Sandy loam

1405

LIB-LDC-009-50-6-12

1-02251

1410

LIB-LDC-010-50-0-6

1-02252

Mixed fill

1415

LIB-LDC-011-50-6-12

1-02253

Sub bed of slab

M. R. R.

4/16/01

Lutheran Daycare

1420

LIB-LDC-012-50-0-6

1-02254

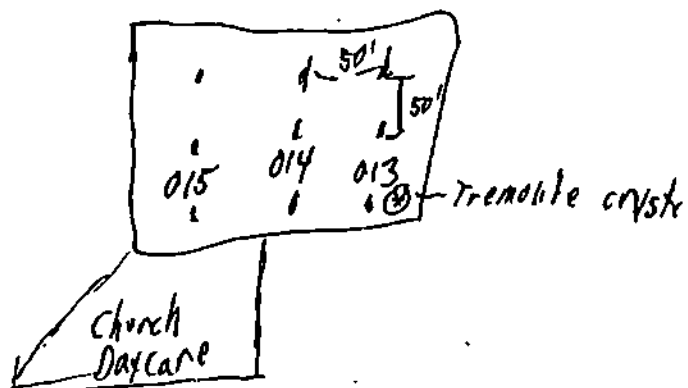
1445 collect 6 PS locations

1505 Leave site.

1730 Return to area S. of daycare

1735 LIB-LDC-013-50-0-6 Composite.

1-02255



1740 LIB-LDC-014-50-0-6

Composite

1-02256

1745 LIB-LDC-015-50-0-6

Composite

1-02257

A. W. R.

Lutheran Daycare

4/18/01

1750 Leave site

CONTAMINANT SCREENING STUDY/REMEDIAL INVESTIGATION FIELD SAMPLE DATA SHEET (FSDS) FOR SOIL

 Scenario No.: NA' Field Logbook No: 100263 Page No: 89 Sampling Date: 8-21-02

 Address: 1024 MONTANA AVE Owner/Tenant: ST. JOHN LUTHERAN CHURCH

 Business Name: KOOTENAI VALLEY CHRISTIAN SCHOOL

 Land Use: (circle) Residential School Commercial Mining Roadway Other ()

 Sampling Team: (circle) CDM MACTEC Other _____ Names: MICHAEL SPILMAN

Data Item	Sample 1 <u>S</u>	Sample 2 <u>C</u>	Sample 3 <u>YCW</u>
Index ID	CS- 15786	CS- 15787	CS- 15733
Location ID	SP- 122724	SP- 122725	SP- 122726
Sample Group	PLAY AREA	PLAY AREA	PLAY AREA
Location Description (circle)	Back yard Front yard Side yard Driveway <u>Other</u> <u>SANDBOX</u>	Back yard Front yard Side yard Driveway <u>Other</u> <u>CONFIDENCE COURSE</u>	Back yard Front yard Side yard Driveway <u>Other</u> <u>WEST HALF-YARD</u>
Category (circle)	<u>FS</u> FD of _____ Field Blank (lot or equipment)	<u>FS</u> FD of _____ Field Blank (lot or equipment)	<u>FS</u> FD of _____ Field Blank (lot or equipment)
Matrix Type (Surface soil unless other wise noted)	<u>Surface Soil</u> Other _____	<u>Surface Soil</u> Other _____	<u>Surface Soil</u> Other _____
Type (circle)	Grab <u>Comp</u> # subsamples <u>5</u>	Grab <u>Comp</u> # subsamples <u>5</u>	Grab <u>Comp</u> # subsamples <u>5</u>
Sample Time	<u>14:42</u>	<u>14:55</u>	<u>15:06</u>
Top Depth (in.)	<u>0</u>	<u>0</u>	<u>0</u>
Bottom Depth (in.)	<u>6</u>	<u>6</u>	<u>6</u>
Field Comments Note if vermiculite is visible in sampled area	<u>BD- 002854</u> No vermiculite observed in sample 1	<u>BD- 002854</u> No vermiculite observed in sample	<u>BD- 002854</u> No vermiculite observed in sample
Entered (LFO) <u>ps</u>	Volpe: Entered _____ Validated _____	Volpe: Entered _____ Validated _____	Volpe: Entered _____ Validated _____

 For Field Team Completion
(Provide Initials)

 Completed by DS

 QC by DM

CONTAMINANT SCREENING STUDY/REMEDIAL INVESTIGATION FIELD SAMPLE DATA SHEET (FSDS) FOR SOIL

 Scenario No.: NA Field Logbook No: 100263 Page No: 89 Sampling Date: 8-21-03

 Address: 1024 MONTANA AVE Owner/Tenant: ST. JOHN LUTHERAN CHURCH

 Business Name: KOOTENAI VALLEY CHRISTIAN SCHOOL

 Land Use: (circle) Residential School Commercial Mining Roadway Other ()

 Sampling Team: (circle) CDM MACTEC Other Names: MICHAEL OF SPIELMAN

Data Item	Sample 1 <u>Yes</u>	Sample 2 <u>Yes</u>	Sample 3
Index ID	CS- 15789 <u>3/1/03</u> ✓	CS- 15790 <u>3/1/03</u> ✓	
Location ID	SP- 123045	SP- 123046	
Sample Group	<u>PLAY AREA</u>	<u>PROPERTY</u>	
Location Description (circle)	Back yard Front yard Side yard Driveway <u>Other</u> <u>EAST HALF YARD</u>	Back yard Front yard Side yard Driveway <u>Other</u> <u>PTY NORTH OF FENCE</u>	Back yard Front yard Side yard Driveway <u>Other</u> <u>OP</u>
Category (circle)	<u>FS</u> FD of _____ Field Blank (lot or equipment)	<u>FS</u> FD of _____ Field Blank (lot or equipment)	<u>FS</u> FD of _____ Field Blank (lot or equipment)
Matrix Type (Surface soil unless other wise noted)	<u>Surface Soil</u> Other _____	<u>Surface Soil</u> Other _____	<u>Surface Soil</u> Other _____
Type (circle)	<u>Grab</u> <u>Comp.</u> # subsamples <u>5</u>	<u>Grab</u> <u>Comp.</u> # subsamples <u>5</u>	<u>Grab</u> Comp. # subsamples _____
Sample Time	<u>15:13</u>	<u>15:20</u>	
Top Depth (in.)	<u>0</u>	<u>0</u>	
Bottom Depth (in.)	<u>6</u>	<u>6</u>	
Field Comments Note if vermiculite is visible in sampled area	BD- <u>002854</u> No vermiculite observed in sample	BD- <u>002854</u> No vermiculite observed in sample	BD- _____
Entered (LFO) <u>PS</u>	Volpe: Entered _____ Validated _____	Volpe: Entered _____ Validated _____	Volpe: Entered _____ Validated _____

 For Field Team Completion
 (Provide Initials)

 Completed by PS

 QC by DM

Location 1024 MONTANA AVE. Date 8-21-03 89
Project: Client LISBY ASBESTOS PROJECT EPA REG-8
KOOTENAI VALLEY CHRISTIAN SCHOOL BD-002854 VOUSE

13:45 ON SITE K.V.C.S. TEAM 1, DEE WARREN,
DAVE SCHROEDER, COURTNEY ZAMORA. ON SITE TO
TAKE SOIL SAMPLES IN NORTH SIDE PLAY AREAS,
VISIBLE VERMICULITE AND POSSIBLE TREMBLITE OBSERVED
(SEE SITE SKETCH). SOIL SAMPLES COLLECTED/EQUIPMENT
DECONTAMINATED ACCORDING TO SAP ~~8-21-03~~

PLAY AREA S SAND BOX 14:42	SP- 122724	CS- 15786
PLAY AREA C UNIDENTIFIED CURB 14:55	SP- 122725	CS- 15787
PLAY AREA YW YARD - WEST HALF 15:06	SP- 122726	CS- 15788
PLAY AREA YE YARD - EAST HALF 15:13	SP- 123045	CS- 15789
PROPERTY IN NORTH OF FENCE 15:20	SP- 123046	CS- 15790

NO VISIBLE VERMICULITE IN THE SAMPLE AREAS —
EXCEPT TWO SMALL PATCHES AT NORTH OF FENCE
AREA THAT HAVE BEEN BROUGHT TO ATTENTION OF
REMOVAL PERSONNEL ON SITE (CHUCK, SCOTT S.)
RDS #1'S COSOSS, OOSOSTO. GPS # T6A08213

15:35 DS+DM CHECK PAPERWORK AND LEAVE SITE
DAVID SPIELMAN — 8-21-03 — David Spielman

REMOVAL ACTION SAMPLING

LIBBY, MONTANA FIELD SAMPLE DATA SHEET

SOIL-LIKE MATERIALS

Scenario No.: NA Field Logbook No: 100268 Page No: 16 Sampling Date: 8-26-03
 Address: 1024 MONTANA AVE Owner/Tenant: ST. JOHN'S LUTHERAN
 Business Name: NA
 Land Use: Residential ☒ School ☒ Commercial ☐ Mining ☐ Roadway ☐ Other (☐)
 Sampling Team: ☒ CDM ☐ MACTEC ☐ Other ☐ Name(s): VANDERWEEEL

Data Item	Sample 1	Sample 2	Sample 3
Index ID	1R- 22129	1R- 22130	
Location ID	SP- 122126	SP- 122127	
Sample Group	<u>YARD</u>	<u>YARD</u>	
Location Description	<u>S.W. PORTION OF YARD</u>	<u>S.E. PORTION OF YARD</u>	
Category (circle)	<input checked="" type="radio"/> FS <input type="radio"/> FD	<input checked="" type="radio"/> FS <input type="radio"/> FD	<input type="radio"/> FS <input type="radio"/> FD
Matrix Type (circle)	Mining Waste <input checked="" type="radio"/> Subsurface Soil <input checked="" type="radio"/> Surface Soil <input type="radio"/> Fill <input type="radio"/> Other	Mining Waste <input checked="" type="radio"/> Subsurface Soil <input checked="" type="radio"/> Surface Soil <input type="radio"/> Fill <input type="radio"/> Other	Mining Waste <input type="radio"/> Subsurface Soil <input type="radio"/> Surface Soil <input type="radio"/> Fill <input type="radio"/> Other
Type (circle)	Grab <input checked="" type="radio"/> Comp. # subsamples <u>5</u>	Grab <input checked="" type="radio"/> Comp. # subsamples <u>5</u>	Grab Comp. # subsamples
Sample Time	<u>1430</u>	<u>1440</u>	
Top Depth (in.)	<u>0</u>	<u>0</u>	
Bottom Depth (in.)	<u>2</u>	<u>2</u>	
Map Location	<u>NA</u>	<u>NA</u>	
Field Comments	<u>TRACE LV OBSERVED</u>	<u>NO LV OBSERVED</u>	
QC (Field Team)	Volpe: Entered Validated	Volpe: Entered Validated	Volpe: Entered Validated
Entered (LFO) <u>PS</u>			

**REMOVAL ACTION SAMPLING
LIBBY, MONTANA FIELD SAMPLE DATA SHEET
SOIL-LIKE MATERIALS**

Scenario No.: NA Field Logbook No: 100268 Page No: 17 Sampling Date: 8-27-03
 Address: 1024 MONTANA AVE Owner/Tenant: ST. JOHN'S LUTHERAN
 Business Name: KACS
 Land Use: Residential ☒ School ☐ Commercial ☐ Mining ☐ Roadway ☐ Other ()
 Sampling Team: ☒ CDM ☐ MACTEC ☐ Other Name(s): VANDERWEELE

Data Item	Sample 1	Sample 2	Sample 3
Index ID	1R- 22131	1R- 22132	
Location ID	SP- 122128	SP- 122129	
Sample Group	SCHOOL PLAY AREA 8/27/03	SCHOOL PLAY AREA 8/27/03	
Location Description	NE PORTION OF PLAYGROUND	NW PORTION OF PLAYGROUND	
Category (circle)	FS FD	FS FD	FS FD
Matrix Type (circle)	Mining Waste Subsurface Soil Surface Soil Fill Other	Mining Waste Subsurface Soil Surface Soil Fill Other	Mining Waste Subsurface Soil Surface Soil Fill Other
Type (circle)	Grab Comp # subsamples 5	Grab Comp # subsamples 5	Grab Comp. # subsamples
Sample Time	0955	1002	
Top Depth (in.)	0	0	
Bottom Depth (in.)	2	2	
Map Location	NA	NA	
Field Comments	NO VISIBLE LV OBSERVED	TRACE LV OBSERVED	
QC (Field Team) Entered (LFO)	Volpe: Entered Validated	Volpe: Entered Validated	Volpe: Entered Validated

REMOVAL ACTION SAMPLING LIBBY, MONTANA FIELD SAMPLE DATA SHEET STATIONARY AIR

Scenario No.: NA Field Logbook No: 100168 Page No: 47, 48 Sampling Date: 8-22-03
 Address: 1024 MONTANA Ave Owner/Tenant: St. John's Lutheran Church
 Business Name: N/A
 Land Use: Residential ☒ School ☐ Commercial ☐ Mining ☐ Roadway ☐ Other ☐
 Sampling Team: MACTEC CDM ☐ Other ☐ Name(s): Damon Repine

Data Item	Cassette 1	Cassette 2	Cassette 3
Index ID	1R- 22601 ✓	1R- 22602 ✓	1R- 22603 ✓
Location ID	AD-000575	AD-000575	AD-000575
Sample Group	play area	play area	play area
Location Description	south of excavation	east of excavation site	north of excavation site
Category (circle)	<input checked="" type="radio"/> FS <input type="radio"/> Blank <input type="radio"/> Rep	<input checked="" type="radio"/> FS <input type="radio"/> Blank <input type="radio"/> Rep	<input checked="" type="radio"/> FS <input type="radio"/> Blank <input type="radio"/> Rep
Matrix Type (circle)	Indoor <input type="radio"/> Outdoor <input checked="" type="radio"/> NA	Indoor <input type="radio"/> Outdoor <input checked="" type="radio"/> NA	Indoor <input type="radio"/> Outdoor <input checked="" type="radio"/> NA
Filter Diameter (circle)	<input checked="" type="radio"/> 25mm <input type="radio"/> 37mm	<input checked="" type="radio"/> 25mm <input type="radio"/> 37mm	<input checked="" type="radio"/> 25mm <input type="radio"/> 37mm
Pore Size (circle)	TEM-45 <input type="radio"/> PCM-0.8 <input checked="" type="radio"/>	TEM-45 <input type="radio"/> PCM-0.8 <input checked="" type="radio"/>	TEM-45 <input type="radio"/> PCM-0.8 <input checked="" type="radio"/>
Flow Meter Type (circle)	<input checked="" type="radio"/> Rotometer <input type="radio"/> DryCal <input type="radio"/> NA	<input checked="" type="radio"/> Rotometer <input type="radio"/> DryCal <input type="radio"/> NA	<input checked="" type="radio"/> Rotometer <input type="radio"/> DryCal <input type="radio"/> NA
Pump ID Number	602965	626563/626571	626573
Flow Meter ID No.	92045-1	92045-1	92045-1
Start Date	8-22-03	8-22-03	8-22-03
Start Time	8:41	8:43	8:45
Start Flow (L/min)	2.87	2.89	2.89
Stop Date	8-22-03	8-22-03	8-22-03
Stop Time	1537	11:57	16:08
Stop Flow (L/min)	2.89	2.71	2.87
Pump fault? (circle)	No <input checked="" type="radio"/> Yes <input type="radio"/> NA	No <input checked="" type="radio"/> Yes <input type="radio"/> NA	No <input checked="" type="radio"/> Yes <input type="radio"/> NA
MET Station onsite?	No <input checked="" type="radio"/> Yes <input type="radio"/> NA	No <input checked="" type="radio"/> Yes <input type="radio"/> NA	No <input checked="" type="radio"/> Yes <input type="radio"/> NA
Pre/Post (circle)	Pre <input type="radio"/> Post <input type="radio"/> Clear <input checked="" type="radio"/> 2 nd Clear 3 rd Clear NA	Pre <input type="radio"/> Post <input type="radio"/> Clear <input checked="" type="radio"/> 2 nd Clear 3 rd Clear NA	Pre <input type="radio"/> Post <input type="radio"/> Clear <input checked="" type="radio"/> 2 nd Clear 3 rd Clear NA
Field Comments	416 min found on counter	196 flow fault	
QC (Field Team)	Volpe: Entered <u>95</u> Validated <u>95</u>	Volpe: Entered <u>95</u> Validated <u>95</u>	Volpe: Entered <u>95</u> Validated <u>95</u>

REMOVAL ACTION SAMPLING LIBBY, MONTANA FIELD SAMPLE DATA SHEET STATIONARY AIR

Scenario No.: NA Field Logbook No: 100168 Page No: 47, 48 Sampling Date: 8-22-03
 Address: 1024 MONTANA AVE Owner/Tenant: St. John's Lutheran Church
 Business Name: N/A
 Land Use: Residential School Commercial Mining Roadway Other ()
 Sampling Team: MACTEC CDM Other _____ Name(s): Dan Repine

Data Item	Cassette 1	Cassette 2	Cassette 3
Index ID	<u>1R- 22604</u> ✓	<u>1R- 22605</u> ✓	
Location ID	<u>AD-000575</u>	<u>AD-000575</u>	
Sample Group	<u>play area</u>	<u>Blank</u>	
Location Description	<u>West of Excavation</u>	<u>N/A</u>	
Category (circle)	FS <u>Blank</u> Rep _____	FS <u>Blank</u> Rep _____	FS <u>Blank</u> Rep _____
Matrix Type (circle)	Indoor <u>Outdoor</u> NA	Indoor <u>Outdoor</u> <u>NA</u>	Indoor <u>Outdoor</u> NA
Filter Diameter (circle)	<u>25mm</u> 37mm	<u>25mm</u> 37mm	25mm 37mm
Pore Size (circle)	TEM- .45 <u>PCM- 0.8</u>	TEM- .45 <u>PCM- 0.8</u>	TEM- .45 PCM- 0.8
Flow Meter Type (circle)	<u>Rotometer</u> DryCal NA	Rotometer DryCal <u>NA</u>	Rotometer DryCal NA
Pump ID Number	<u>626620</u>		
Flow Meter ID No.	<u>92045-1</u>		
Start Date	<u>8-22-03</u>		
Start Time	<u>8:47</u>		
Start Flow (L/min)	<u>2.89</u>		
Stop Date	<u>8-22-03</u>		
Stop Time	<u>16:09</u>		
Stop Flow (L/min)	<u>2.89</u>		
Pump fault? (circle)	<u>No</u> Yes NA	No Yes NA	No Yes NA
MET Station onsite?	<u>No</u> Yes NA	No Yes NA	No Yes NA
Pre/Post (circle)	Pre Post Clear 2 nd Clear 3 rd Clear <u>NA</u>	Pre Post Clear 2 nd Clear 3 rd Clear NA	Pre Post Clear 2 nd Clear 3 rd Clear NA
Field Comments		<u>Blank</u> <u>8-22-03 P.S.</u>	
QC (Field Team) <u>RP</u>	Volpe: Entered _____ Validated _____	Volpe: Entered _____ Validated _____	Volpe: Entered _____ Validated _____

REMOVAL ACTION SAMPLING LIBBY, MONTANA FIELD SAMPLE DATA SHEET STATIONARY AIR

Scenario No.: NA Field Logbook No: 100168 Page No: 51, 52 Sampling Date: 8-26-03

Address: 1024 MONTANA AVE Owner/Tenant: St. John's Lutheran Church

Business Name: N/A

Land Use: Residential ☒ School ☐ Commercial ☐ Mining ☐ Roadway ☐ Other ()

Sampling Team: MACTEC CDM Other Name(s): Damon Repina

Data Item	Cassette 1 ^{DA 100168-07}	Cassette 2 ^{DA 100168-07}	Cassette 3 ^{DA 100168-07}
Index ID	1R- 22615 ✓	1R- 22616 ✓	1R- 22617 ✓
Location ID	<u>AD-000575</u>	<u>AD-000575</u>	<u>AD-000575</u>
Sample Group	<u>Play Area</u>	<u>Play Area</u>	<u>Play Area</u>
Location Description	<u>West of excavation site</u>	<u>North of excavation site</u>	<u>East of excavation site</u>
Category (circle)	<input checked="" type="radio"/> FS Blank Rep <u> </u>	<input checked="" type="radio"/> FS Blank Rep <u> </u>	<input checked="" type="radio"/> FS Blank Rep <u> </u>
Matrix Type (circle)	Indoor <input checked="" type="radio"/> Outdoor <input type="radio"/> NA <input type="radio"/>	Indoor <input checked="" type="radio"/> Outdoor <input type="radio"/> NA <input type="radio"/>	Indoor <input checked="" type="radio"/> Outdoor <input type="radio"/> NA <input type="radio"/>
Filter Diameter (circle)	<input checked="" type="radio"/> 25mm <input type="radio"/> 37mm	<input checked="" type="radio"/> 25mm <input type="radio"/> 37mm	<input checked="" type="radio"/> 25mm <input type="radio"/> 37mm
Pore Size (circle)	TEM- .45 <input checked="" type="radio"/> PCM- 0.8 <input type="radio"/>	TEM- .45 <input checked="" type="radio"/> PCM- 0.8 <input type="radio"/>	TEM- .45 <input checked="" type="radio"/> PCM- 0.8 <input type="radio"/>
Flow Meter Type (circle)	<input checked="" type="radio"/> Rotometer <input type="radio"/> DryCal NA <input type="radio"/>	<input checked="" type="radio"/> Rotometer <input type="radio"/> DryCal NA <input type="radio"/>	<input checked="" type="radio"/> Rotometer <input type="radio"/> DryCal NA <input type="radio"/>
Pump ID Number	<u>626620518</u>	<u>602965</u>	<u>626761</u>
Flow Meter ID No.	<u>92045-1</u>	<u>92045-1</u>	<u>92045-1</u>
Start Date	<u>8-26-03</u>	<u>8-26-03</u>	<u>8-26-03</u>
Start Time	<u>07:41</u>	<u>01:42</u>	<u>07:44</u>
Start Flow (L/min)	<u>2.71</u>	<u>2.71</u>	<u>2.71</u>
Stop Date	<u>8-26-03</u>	<u>8-26-03</u>	<u>8-26-03</u>
Stop Time	<u>14:55</u>	<u>13:22</u>	<u>15:35</u>
Stop Flow (L/min)	<u>2.71</u>	<u>2.87</u>	<u>2.89</u>
Pump fault? (circle)	No <input checked="" type="radio"/> Yes <input type="radio"/> NA <input type="radio"/>	No <input checked="" type="radio"/> Yes <input type="radio"/> NA <input type="radio"/>	No <input checked="" type="radio"/> Yes <input type="radio"/> NA <input type="radio"/>
MET Station onsite?	<input checked="" type="radio"/> No <input type="radio"/> Yes <input type="radio"/> NA <input type="radio"/>	<input checked="" type="radio"/> No <input type="radio"/> Yes <input type="radio"/> NA <input type="radio"/>	<input checked="" type="radio"/> No <input type="radio"/> Yes <input type="radio"/> NA <input type="radio"/>
Pre/Post (circle)	Pre <input type="radio"/> Post <input type="radio"/> Clear <input checked="" type="radio"/> 2 nd Clear 3 rd Clear NA	Pre <input type="radio"/> Post <input type="radio"/> Clear <input checked="" type="radio"/> 2 nd Clear 3 rd Clear NA	Pre <input type="radio"/> Post <input type="radio"/> Clear <input checked="" type="radio"/> 2 nd Clear 3 rd Clear NA
Field Comments	<u>434 found counter</u>	<u>540 min found on counter</u>	
QC (Field Team) <u>JP</u>	Volpe: Entered <u> </u> Validated <u> </u>	Volpe: Entered <u> </u> Validated <u> </u>	Volpe: Entered <u> </u> Validated <u> </u>

REMOVAL ACTION SAMPLING LIBBY, MONTANA FIELD SAMPLE DATA SHEET STATIONARY AIR

Scenario No.: NA Field Logbook No: 100/68 Page No: 51, 52 Sampling Date: 8-26-03
 Address: 1024 Montana Ave Owner/Tenant: St John's Lutheran Church
 Business Name: N/A
 Land Use: Residential School Commercial: Mining Roadway Other ()
 Sampling Team: MACTEC CDM Other _____ Name(s): Damon Repina

Data Item	08-26-03 Cassette 1	08-26-03 Cassette 2	Cassette 3
Index ID	1R- 22618 ✓	1R- 22619 ✓	
Location ID	AD-000575	AD-000575	
Sample Group	PLAY AREA	BLANK	
Location Description	SOUTH OF EXCAVATION SITE	N/A	
Category (circle)	FS Blank Rep _____	FS Blank Rep _____	FS Blank Rep _____
Matrix Type (circle)	Indoor Outdoor NA	Indoor Outdoor NA	Indoor Outdoor NA
Filter Diameter (circle)	25mm 37mm	25mm 37mm	25mm 37mm
Pore Size (circle)	TEM- .45 PCM- 0.8	TEM- .45 PCM- 0.8	TEM- .45 PCM- 0.8
Flow Meter Type (circle)	Rotometer DryCal NA	Rotometer DryCal NA	Rotometer DryCal NA
Pump ID Number	626676		
Flow Meter ID No.	92045-1		
Start Date	8-26-03		
Start Time	7:46		
Start Flow (L/min)	2.71		
Stop Date	8-26-03		
Stop Time	15:36		
Stop Flow (L/min)	2.71		
Pump fault? (circle)	No Yes NA	No Yes NA	No Yes NA
MET Station onsite?	No Yes NA	No Yes NA	No Yes NA
Pre/Post (circle)	Pre 2nd Clear Post 3rd Clear Clear NA	Pre 2nd Clear Post 3rd Clear Clear NA	Pre 2nd Clear Post 3rd Clear Clear NA
Field Comments		8/26/03 Archive	
QC (Field Team)	Volpe: Entered _____ Validated _____	Volpe: Entered _____ Validated _____	Volpe: Entered _____ Validated _____

REMOVAL ACTION SAMPLING LIBBY, MONTANA FIELD SAMPLE DATA SHEET STATIONARY AIR

Scenario No.: NA Field Logbook No: 100169 Page No: 5354 Sampling Date: 8-27-03
 Address: 1024 Mountain Ave Owner/Tenant: St. John's Lutheran Church
 Business Name: N/A
 Land Use: Residential School Commercial Mining Roadway Other ()
 Sampling Team: MACTEO CDM Other _____ Name(s): Damon Repine

Data Item	Cassette 1	Cassette 2	Cassette 3
Index ID	<u>1R- 22681</u> ✓	<u>1R- 22682</u> ✓	<u>1R- 22683</u> ✓
Location ID	<u>AD-000575-</u>	<u>AD-000575-</u>	<u>AD-000575-</u>
Sample Group	<u>Play area</u>	<u>Play area</u>	<u>Play area</u>
Location Description	<u>West of excavation site</u>	<u>North of excavation site</u>	<u>East of excavation site</u>
Category (circle)	<u>FS</u> Blank Rep _____	<u>FS</u> Blank Rep _____	<u>FS</u> Blank Rep _____
Matrix Type (circle)	Indoor <u>Outdoor</u> NA	Indoor <u>Outdoor</u> NA	Indoor <u>Outdoor</u> NA
Filter Diameter (circle)	<u>25mm</u> 37mm	<u>25mm</u> 37mm	<u>25mm</u> 37mm
Pore Size (circle)	TEM- .45 <u>PCM- 0.8</u>	TEM- .45 <u>PCM- 0.8</u>	TEM- .45 <u>PCM- 0.8</u>
Flow Meter Type (circle)	<u>Rotometer</u> DryCal NA	<u>Rotometer</u> DryCal NA	<u>Rotometer</u> DryCal NA
Pump ID Number	<u>626674</u>	<u>602965</u>	<u>626671</u>
Flow Meter ID No.	<u>92045-1</u>	<u>92045-1</u>	<u>92045-1</u>
Start Date	<u>8-27-03</u>	<u>8-27-03</u>	<u>8-27-03</u>
Start Time	<u>07:20</u>	<u>07:21</u>	<u>07:22</u>
Start Flow (L/min)	<u>2.71</u>	<u>2.71</u>	<u>2.71</u>
Stop Date	<u>8-27-03</u>	<u>8-27-03</u>	<u>8-27-03</u>
Stop Time	<u>11:35</u>	<u>11:36</u>	<u>11:37</u>
Stop Flow (L/min)	<u>2.89</u>	<u>2.71</u>	<u>2.71</u>
Pump fault? (circle)	<u>No</u> Yes NA	<u>No</u> Yes NA	<u>No</u> Yes NA
MET Station onsite?	<u>No</u> Yes NA	<u>No</u> Yes NA	<u>No</u> Yes NA
Pre/Post (circle)	Pre 2 nd Clear Post 3 rd Clear <u>Clear</u> NA	Pre 2 nd Clear Post 3 rd Clear <u>Clear</u> NA	Pre 2 nd Clear Post 3 rd Clear <u>Clear</u> NA
Field Comments			
QC (Field Team)	<u>JP</u>		
Entered (LFO)	<u>23</u>		
Volpe:	Entered _____ Validated _____	Entered _____ Validated _____	Entered _____ Validated _____

REMOVAL ACTION SAMPLING

LIBBY, MONTANA FIELD SAMPLE DATA SHEET

STATIONARY AIR

Scenario No.: NA Field Logbook No: 100169 Page No: 53, 54 Sampling Date: 8-27-03

Address: 1024 Montana Ave Owner/Tenant: St. John's Lutheran Church

Business Name: N/A

Land Use: Residential School Commercial Mining Roadway Other ()

Sampling Team: MACTEC CDM Other Name(s): Damon Ropine

Data Item	08-27-03 Cassette 1	08-27-03 Cassette 2	Cassette 3
Index ID	1R- 22684 ✓	1R- 22685 ✓	
Location ID	AD-000575	AD-000575	
Sample Group	Play area	Blank	
Location Description	South of Excavation site	N/A	
Category (circle)	FS Blank Rep	FS Blank Rep	FS Blank Rep
Matrix Type (circle)	Indoor Outdoor NA	Indoor Outdoor NA	Indoor Outdoor NA
Filter Diameter (circle)	25mm 37mm	25mm 37mm	25mm 37mm
Pore Size (circle)	TEM- .45 PCM- 0.8	TEM- .45 PCM- 0.8	TEM- .45 PCM- 0.8
Flow Meter Type (circle)	Rotometer DryCal NA	Rotometer DryCal NA	Rotometer DryCal NA
Pump ID Number	626518		
Flow Meter ID No.	92045-1		
Start Date	8-27-03		
Start Time	07:27		
Start Flow (L/min)	2.71		
Stop Date	8-27-03		
Stop Time	11:39		
Stop Flow (L/min)	2.87		
Pump fault? (circle)	No Yes NA	No Yes NA	No Yes NA
MET Station onsite?	No Yes NA	No Yes NA	No Yes NA
Pre/Post (circle)	Pre Post Clear 2 nd Clear 3 rd Clear NA	Pre Post Clear 2 nd Clear 3 rd Clear NA	Pre Post Clear 2 nd Clear 3 rd Clear NA
Field Comments		Archive	
QC (Field Team)	Volpe: Entered Validated	Volpe: Entered Validated	Volpe: Entered Validated

54

St. John's Lutheran Church

Location 1024 MONTANA AVE Date 8-27-03

Project / Client Residential Removal EPA/UDPA

Author Damon Repine Damon Repine

be collected at this time — (OR)

11:35 IR-22681 } post calibrated
11:36 IR-22682 } and turned on RT
11:37 IR-22683 } — (OR)
11:38 IR-22684 } — (OR)

11:40 samples placed under coc.

14:00 samples relinquished to
CDM sample manager — (OR)

14:10 sampling completed for today.

8-27-03
Damon Repine

St. Johns Church-
(KVCs)

100 268

"Rite in the Rain"
ALL-WEATHER WRITING PAPER



TRANSIT

All-Weather Notebook
No. 301

Libby Asbestos Project
Residential Removals
8/14/03 to 8-28-03

4 5/8" x 7" - 48 Numbered Pages

1202 LOUISIANA AVE
109 W OAK ST
1024 MONTANA AVE

Libby Asbestos Project
CDM/Mactec Contractor Logbook

Return to:
Dave Schroeder
318 Louisiana Avenue
Libby, MT 59923
406-293-8595

Every Page:

- > Initial and date all pages
- > Sign and date last entry of the day
- > Line out once, initial and date all changes
- > NO blank lines

Daily Entries:

- > Author
- > Date/Time
- > Weather
- > Activities
- > Persons on team
- > Level of PPE
- > Title of governing document
- > Serial numbers of equipment

CRRAP = COMPREHENSIVE
RESIDENTIAL REMOVAL ACTION
PLAN.

Clear Vinyl Protective Slipcovers (Item No. 30) are available for this style of notebook.
Helps protect your notebook from wear & tear. Contact your dealer or the J. L. Darling Corporation.

CONTENTS

PAGE	REFERENCE	DATE
1-2	TOC	8-15-03
3	1202 LOUISIANA AVE	8-15-03
4		8-18-03
5	LOGBOOK TRANSFER	8-18-03
6		8-19-03
7	1202 LOUISIANA AVE	8-19-03
8		8-20-03
9		8-22-03
10	109 W OAK ST	8-20-03
11		8-21-03
12		8-21-03
13		8-22+25
14	1024 MONTANA AVE	8-22-03
15		8-25-03
16		8-26-03
17		8-27-03
18		8-28-03
19	PAGES 19-48	
20	LEFT BLANK	
↓		
48		

11 1024 MONTANA AVE. 8-22-03
RES REMOVAL VOLPE/EPA
OWN: ST. JOHN'S LUTHERAN CON: TOM V.

AUTHOR TOM VANDERWEBL, WEATHER 64° & CLOUDY
& RAIN @ 1100. ACTIVITIES ARE RES REM OVERSITE.
PPE IS LEVEL C & D. TITLE OF GOV DOC IS CRRAP
(VOLPE 2002) ST JOHN'S LUTHERAN ADDENDUM.
EQUIP USED IS CAMERA 3, VANDERWEBL RADIO.
1100 HERE WITH DAVID S. COURTNEY DARRYL,
SHAWN. CONTAMINATION SPREADS BEYOND
DELINEATED AREAS. DIGGING WENT DEEPER
THAN 12". STILL RAW LV & TREMOLITE
VISIBLE. GOING NO DEEPER THAN 2 FEET.
MIDDLE FENCE COMING DOWN. DON'T PUT
BACK UP. ASPHALT COMES OUT FOR GOOD.
SANDBOX CAN GO AWAY. COURTNEY CKING
WITH CITY ABOUT DIGGING TO CURB. —TV
1200 LUNCH. —TV
1300 TAKING FENCE DOWN SPLITTING PLAY
YARD. WAITING ON ANSWERS TO DIG TO
CURB LINE. —TV
1352 GO TO 3647 HWY 2 S. —TV
1533 ER TAKING FENCE DOWN (PERIMETER)
DIGGING ENTIRE YARD CURB TO CURB.
1545 GO TO 113 BOBTAIL RD —TV

Tom Vanderwebl

TOM VANDERWEBL 8-25-03

1024 MONTANA AVE 8-25-03
RES REMOVAL VOLPE/EPA
OWN: ST. JOHN'S LUTHERAN CON: TOM V. 15

AUTHOR TOM VANDERWEBL, WEATHER IS 49° & SUN
@ 0900. ACTIVITIES ARE RES REM OVERSITE. PPE
IS LEVEL C & D. TITLE OF GOV DOC IS CRRAP
(VOLPE 2002) ST. JOHN'S ADDENDUM. EQUIP USED
IS CAMERA 3, VANDERWEBL RADIO. —TV
0700 ER HORN MTG. —TV
0745 CON MTG. —TV
0900 ER EXCAVATING PLAYGROUND
YARD. —TV
0918 GO TO 236 W LARCH ST. —TV
1530 ER ON BREAK. CONTINUES 8-25-03
DIGGING ON PLAYGROUND YARD. —TV
1533 GO TO 236 W LARCH ST. —TV
1600 VERY DUSTY WHEN I PULLED
UP. THREE MACHINES - ONE HOSE,
ADVISE DARREL. —TV
1620 GO TO 236 W LARCH. —TV
1645 PLENTY OF WATER NOW. IF
AIR MONITOR ON W FENCE IS OVER-
LOADED I KNOW WHY. —TV
1652 GO TO 236 W LARCH —TV

Tom Vanderwebl

TOM VANDERWEBL 8-25-03

1024 MONTANA AVE
RES REMOVAL
OWN: ST JOHN'S LUTH.

8-26-03
VOLPE/EPA
CDM: TOM V.

AUTHOR TOM VANDERWEELE, WEATHER IS 55° & SUN
@ 0901. ACTIVITIES ARE RES REM OVERSITE. PPE IS
LEVEL C & D. TITLE OF GOV DOC IS CRRAP (VOLPE
2002) ST. JOHN'S ADDENDUM. EQUIP USED IS
CAMERA 3, VANDERWEELE RADIO. ——— TV
0901 ER EXCAVATING PLAYGROUND. 3
MACHINES- 3 HOSES. 2 OUT OF 5 WORKERS
SIGNED INTO ZONE. BLUE & GREEN PLAY
GROUND EQUIP GOES TO S.W. PLAY YARD
AS PER OWNER & KAREN. ——— TV

1120 GO TO CDM OFFICE. ——— TV
1314- ER GETTING SOUTH PORTION OF
YARD READY TO TEST. ——— TV

1320 GO TO GET MARKING PAINT. — TV
1410 HERE TO SOIL SAMPLE S. YARD. — TV
15 PT COMP. SOIL SAMPLE TAKEN AT 1430, 0'-2"
1R- 22129 DEEP SP- 122126 FROM

S.W. PORTION OF YARD. TRACE LV SEEN. — TV
15 PT COMP SOIL SAMPLE TAKEN AT 1440, 0'-2"
1R- 22130 DEEP SP- 122127 FROM

S.E. PORTION OF YARD. NO LV SEEN. NO
GPS YET. FSDS# 000156 ——— TV

1540 GO TO CDM OFFICE WITH SOIL. — TV

Tom Vanderweel
Tom Vanderweel
8-26-03

1024 MONTANA AVE
RES REMOVAL
OWN: ST. JOHN'S LUTH.

8-27-03
VOLPE/EPA
CDM: TOM V.

AUTHOR TOM VANDERWEELE, WEATHER IS 60° & CLOUDY
@ 0820. ACTIVITIES ARE RES REM OVERSITE. PPE
IS LEVEL C & D. TITLE OF GOV DOC IS CRRAP
(VOLPE 2002) ST. JOHN'S ADDENDUM. EQUIP
USED IS CAMERA 3, VANDERWEELE RADIO.
0820- A FEW MORE LOADS TO FINISH
EXCAVATION. 2 SOIL SAMPLES FROM
8-26-03 CAME BACK NON-DETECT. ER
STARTING TO BACKFILL & CLEARED
SECTION OF PLAYGROUND. ——— TV

0837 GO TO 236 W LAKEN. ——— TV
0932 HERE TO SOIL SAMPLE.
15 PT COMP SOIL SAMPLE TAKEN AT 0955 0'-2"
1R- 22131 DEEP SP- 122128 FROM

NE PORTION OF PLAYGROUND. NO LV SEEN.
15 PT COMP SOIL SAMPLE TAKEN AT 1002
0'-2" 1R- 22132 DEEP SP- 122129 FROM

NW PORTION OF PLAYGROUND. TRACE LV SEEN.
NO GPS YET. FSDS# 000157. ——— TV

1027 GO TO CDM OFFICE WITH SOIL. — TV
1415 SAMPLES NON-DETECT. ADVISED E.R.

1455 HERE TO GPS. NO MORE BACKFILL
TODAY- FIRE DANGER AT PIT. GPS DONE.

HAULING EQUIP AWAY- SOON ON 8-29-03
1513- GO TO GPS PROPERTIES. ——— TV

Tom Vanderweel Tom Vanderweel
8-27-03

18 1024 MONTANA AVE
RBS REMOVAL
OWN: ST JOHNS LITH.

8-28-03
VOLPE/EPA
CON: TOM V.

AUTHOR TOM VANDERWEELE, WEATHER IS 50° & SUN.
@ 0805. ACTIVITIES ARE RBS REMOVAL OVERSITE. PPE
IS LEVEL D. TITLE OF GOV DOC IS CRRAP (VOLPE
2002) ST JOHNS ADDENDUM. EQUIP USED IS
CAMERA 3, VANDERWEELE RADIO. ——— TV
0805 ER BACKFILLING PLAYGROUND YARD.
BACK FENCE IS OPEN TO MOVE PLAY — TV
EQUIP. IN. NO SAFETY GLASSES (ONE WORKER)
0830 GO TO SPENCER HILL AVE ——— TV
1125 BACKFILLING & GRADING TOPSOIL. — TV
DIGGING TO RE-INSTALL EQUIPMENT. — TV
1150 LUNCH. ——— TV
1500 DRIVE BY WITH SCOTT. ——— TV
1600 - FINE GRADING READY FOR SOO.

~~TOM VANDERWEELE~~
TOM VANDERWEELE
8-28-03

19

PAGES 19-48
LEFT BLANK.

~~TOM VANDERWEELE~~
TOM VANDERWEELE
8-28-03